

Personal Systems Reference Lenovo® ThinkVision® Monitors

April 2013 - Version 435



ThinkVision LT2323z Wide Monitor

D186 Wide Flat Panel Monitor Name Case color **Business black** Type-model 2580-AB1 Panel TFT-LCD, twisted nematic (TN), CCFL backlight **18.5**" (**470mm**) diagonal 16.1" x 9.1" / 409.8mm x 230.4mm Viewable image size Max view area (W x H) Optimum resolution 1366x768 at 60Hz Maximum resolution 1366x768 at 60Hz (135MHz max pixel rate) Aspect ratio 16:9 Pixel pitch (mm) .300mm Dot/Pixel per Inch 85 dpi Brightness 200 nits or cd/m2 (typical) Contrast ratio 600:1 (typical) Pixel response time 5ms (typical) Color gamut 67% Anti-reflective Anti-reflective, anti-glare Viewing angle at 10:1 CR 90° (+/- 45°) horizontal, 50° (+/- 25°) vertical Tilt adjustable stand Stand Sides: 0.61" (15.6mm); top: 0.67" (17.1mm); bottom: 1.19" (30.1mm)
14.6" H x 17.4" W x 8.3" D; 370mm H x 442mm W x 210mm D Bezel width Dimensions (HxWxD) 16 watts typical, 24 watts maximum, Power supply <1 watts standby/suspend, universal, integrated (no external brick-like power supply) Weight 7.28 lb; 3.3kg 3 years (includes backlight) Limited warranty4 January 2010 Available date VESA-compliant² VESA DDC2B/CI, VESA DPMS-compliant Power management None **Ergonomics** ISO 9241-307 Pixel defect ISO 9241-307 pixel defect standard Emission standards FCC Class B Environmental WEEE, RoHS (EU Directive 2002/95/EC),

Features

Widescreen 18.5-inch monitor

- High Definition (HD) ready; 1366x768 resolution
- Detachable stand tilts for comfortable viewing
- Supports VESA mount (100mm)
- 50% less mercury
- Kensington® lock slot ready for enhanced security



Lenovo D186 Wide Monitor

Viewing adjustments Tilt: 20° back, -5° forward; no lift; no swivel; detachable stand Rotating screen

Standard presets: 20; user settings: 16

640x350, 640x480, 720x400

1280x720, 1280x768 1360x768, 1366x768

On screen display On screen display with digital user controls (8 languages)

800x600

1024x768

Control features Direct access (control buttons on front) for automatic image setup and adjustment for brightness USB hub None

Multiple input None

Preset resolutions

Presets

VGA 15-pin D-shell, analog, blue Monitor connectors

VGA:

XGA:

SVGA:

WXGA:

Signal cables

Detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter

Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)

Security keyhole for attachment of optional cable lock (Kensington lock-compatible) Mounting features Security

Ship group Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter black power cord

Limited Warranty Accessories Kensington MicroSaver® Cable Lock 73P2582 3 year limited warranty⁴ Kensington Twin Head Cable Lock 45K1620 Lenovo Easy Reach Monitor Stand 55Y9258 Replacement normally arrives in two business days, excluding holidays Lenovo pays all shipping costs for valid warranty claims⁶ Service upgrade options:7 • 3 year, on site exchange, Mon-Fri 9-5 with next day response

• 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)

• 4 year, mail exchange (51J0589)

(Lenovo Services part number 41C9209)

• 5 year, mail exchange (51J0590)

24x78 day toll-free support for warranty issues during the warranty period

See details at www.lenovo.com/support/monitoraccessories See all monitors at www.lenovo.com/thinkvision

LS1922 Wide Flat Panel Monitor Name

Case color **Business black**

Type-model 2580-AF1

Panel TFT-LCD, twisted nematic (TN), White LED backlight

Viewable image size

18.5" (**470mm**) diagonal 16.1" x 9.1" / 409.8mm x 230.4mm Max view area (W x H)

Native resolution 1366x768 Aspect ratio 16:9 Pixel pitch (mm) .300mm Dot/Pixel per Inch 85 dpi

Brightness 250 nits or cd/m2 (typical)

Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical)

Color gamut 72%

Viewing angle at 10:1 CR 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical

Tilt adjustable stand Stand

Sides: 0.61" (15.6mm); top: 0.67" (17.1mm); bottom: 1.19" (30.1mm) 14.54" H x 17.38" W x 8.25" D; 370.1mm H x 442.2mm W x 210.0mm D Bezel width

Dimensions (HxWxD)

14 watts typical, 18 watts maximum, <1 watts standby/suspend, universal, Power supply

integrated (no external brick-like power supply)

Weight

6.55 lb; 2.97 kg

3 year (includes backlight) Limited warranty4

Available date February 2012

VESA-compliant² VESA DDC2B/CI, VESA DPMS-compliant

ENERGY STAR® 5.1 Power management **Ergonomics** ISO 9241-307 Emission standards FCC Class B

Environmental TCO (TCO Displays 5.2), WEEE, RoHS

Preset resolutions VGA: 640x350, 640x480, 720x400

SVGA: XGA: 800x600 1024x768

1280x720, 1280x768, 1360x768, WXGA:

1366x768

Presets / user settings Standard presets: 16 (VGA);

user settings: 16

Features

- Widescreen 18.5-inch monitor • Supports HD 1366x768 resolution
- Supports VESA mount (100mm)
 Mercury free panel and arsenic free glass
- Kensington® lock slot ready for enhanced security
 Microsoft® Windows® 7 certified
 Support Lenovo Tiny PC via VESA mount



ThinkVision LS1922 Wide Monitor

Viewing adjustments Tilt: 20° backward, -5° forward

Rotating screen None

On screen display On screen display with digital user controls (8 languages)

Control features Direct access (control buttons on front) for automatic image setup and adjustment for brightness

Multiple input None

Monitor connectors

Signal cables

VGA 15-pin D-shell, analog, blue detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount) Mounting features Security

Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group Monitor, attached stand, Setup poster with Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter black power cord

Limited Warranty

- 3 year limited warranty⁴
- Replacement normally arrives in two business days, excluding holidays
- Lenovo pays all shipping costs for valid warranty claims⁶
- Service upgrade options:7
 - 3 year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo Services part number 41C9209)
 - 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)
 - 4 year, mail exchange (51J0589)
 - 5 year, mail exchange (51J0590)
- 24x78 day toll-free support for warranty issues during the warranty period4

Accessories

Kensington® MicroSaver® Cable Lock 73P2582 Kensington Twin Head Cable Lock 45K1620 Lenovo Security Cable Lock 57Y4303 Lenovo Easy Reach Monitor Stand 55Y9258 ThinkCentre Extend Arm 57Y4352

See details at www.lenovo.com/support/monitoraccessories

LS2023 Wide Flat Panel Monitor Name

Case color **Business black**

Type-model 3778-HB2

Panel TFT-LCD, twisted nematic (TN), White LED backlight

Viewable image size

20.0" (**508mm**) diagonal 17.4" x 9.8" (443mm x 249mm) Max view area (W x H)

Native resolution 1600x900 Aspect ratio 16:9 Pixel pitch (mm) .276mm Dot/Pixel per Inch 92 dpi

Brightness 250 nits or cd/m2 (typical)

Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical)

Color gamut 72%

170° (+/- 85°) horizontal, 160° (+/- 80°) vertical Viewing angle at 10:1 CR

Tilt adjustable stand Stand Sides: 0.598" (15.2mm); top: 0.606" (15.4mm); bottom: 1.020" (25.9mm) 14.28" H x 18.71" W x 6.19" D; Bezel width

Dimensions (HxWxD)

362.8mm H x 475.1mm W x 157.4mm D 19 watts typical, 22 watts maximum, Power supply <0.5 watts standby/suspend, universal,

integrated (no external brick-like power supply)

Weight Limited warranty⁴

7.01 lb; 3.18 kg

3 year (includes backlight)

Available date September 2012

VESA-compliant² VESA DDC2B/CI ENERGY STAR® qualified Power management Ergonomics ISO 9241-307

Emission standards

FCC Class B TCO (TCO Displays 6.0), WEEE, RoHS EPEAT™ Gold rating Environmental

VGA: Preset resolutions 640x350, 640x480, 720x400

SVGA: 800x600 XGA: 1024x768

WXGA: 1280x800, 1280x768, 1280x720,

1360x768 WXGA+: 1440x900, 1600x900

Presets / user settings Standard presets: 16

user settings: 16

Tilt: 21° backward, -5° forward Viewing adjustments

Rotating screen

On screen display On screen display with digital user controls (8 languages)

Control features

Direct access (buttons on front) for automatic image setup, dual input and brightness
Dual input (two different PCs attach to two different connectors; one PC shows image; select via button) Multiple input

Monitor connectors

(1) VGA 15-pin D-shell, analog, blue
(2) Digital Visual Interface (DVI-D), digital, white, **HDCP-compliant**(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter
(2) detachable, DVI-D at each end, digital, 1.8 meter
Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Signal cables

Mounting features Security

Ship group Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord

Limited Warranty

- 3 year limited warranty⁴
- □ International Warranty Service⁵
- Replacement normally arrives in two business days, excluding holidays
- Lenovo pays all shipping costs for valid warranty claims⁶
- Service upgrade options:7
 - 3 year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo Services part number 41C9209)
 - 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)
 - 4 year, mail exchange (51J0589)
 - 5 year, mail exchange (51J0590)
- 24x78 day toll-free support for warranty issues during the warranty period4

Features

- Widescreen 20-inch monitor • Supports 1600x900 resolution
- Includes dual input connection for attachment to two systems concurrently (analog and digital)
- Arsenic free glass
- EPEAT Gold certified
- Microsoft® Windows® 7 certified



ThinkVision LS2023 Wide Monitor

Accessories

Kensington® MicroSaver® Cable Lock 73P2582 Kensington Twin Head Cable Lock 45K1620

See details at www.lenovo.com/support/monitoraccessories

LS2223 Wide Flat Panel Monitor Name Case color **Business black** Type-model 3783-HB2 Panel TFT-LCD, twisted nematic (TN), White LED backlight **21.5"** (**546mm**) diagonal 18.76" x 10.55" (476.6mm x 268.1mm) Viewable image size Max view area (W x H) 1920x1080 Native resolution Aspect ratio 16:9 Pixel pitch (mm) .248mm Dot/Pixel per Inch 103 dpi Brightness 250 nits or cd/m2 (typical) Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical) Color gamut 72% Viewing angle at 10:1 CR 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical Tilt adjustable stand Stand Sides: 0.591" (15.0mm); top: 0.701" (17.8mm); bottom: 0.996" (25.3mm) 15.08" H x 20.00" W x 6.19" D; Bezel width Dimensions (HxWxD) 383.0mm H x 508.0mm W x 157.4mm D 21 watts typical, 25 watts maximum, Power supply <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply) 7.74 lb; 3.51 kg

3 year (includes backlight) Weight Limited warranty⁴ September 2012 Available date VESA-compliant² VESA DDC2B/CI Power management ENERGY STAR® qualified Ergonomics ISO 9241-307 FCC Class B Emission standards TCO (TCO Displays 6.0), WEEE, RoHS Environmental **EPEAT™** Gold rating

 Widescreen 21.5-inch monitor • Supports Full HD 1920x1080 resolution

• Includes dual input connection for attachment to two systems concurrently (analog and digital)

Features

 Arsenic free glass • EPEAT Gold certified

Microsoft® Windows® 7 certified



ThinkVision LS2223 Wide Monitor

user settings: 16 Tilt: 21° backward, -5° forward Viewing adjustments Rotating screen None

SVGA:

SXGA:

WXGA:

WXGA+: WSXGA+:

Full HD:

XGA:

Preset resolutions

Presets / user settings

On screen display On screen display with digital user controls (8 languages)

Standard presets: 16

800x600

1024x768

1360x768

1680x1050

1920x1080

1440x900, 1600x900

1280x1024

Direct access (buttons on front) for automatic image setup, dual input and brightness Control features

640x350, 640x480, 720x400

1280x800, 1280x768, 1280x720,

Dual input (two different PCs attach to two different connectors; one PC shows image; select via button) Multiple input

Monitor connectors

(1) VGA 15-pin D-shell, analog, blue (2) Digital Visual Interface (DVI-D), digital, white, **HDCP-compliant** (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter Signal cables

(2) detachable, DVI-D at each end, digital, 1.8 meter

Mounting features Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord

Accessories **Limited Warranty** 3 year limited warranty⁴ Kensington® MicroSaver® Cable Lock 73P2582 Kensington Twin Head Cable Lock 45K1620 Replacement normally arrives in two business days, excluding holidays Lenovo pays all shipping costs for valid warranty claims⁶ Service upgrade options:7 • 3 year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo Services part number 41C9209) See details at www.lenovo.com/support/monitoraccessories • 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233) • 4 year, mail exchange (51J0589) • 5 year, mail exchange (51J0590) See all monitors at www.lenovo.com/thinkvision 24x78 day toll-free support for warranty issues during the warranty period4

LS2323 Wide Flat Panel Monitor Name

Case color Raven black

Type-model 3794-HB1

Panel TFT-LCD, twisted nematic (TN), White LED backlight

Viewable image size 23" (584mm) diagonal

20.04" x 11.28" (509.2mm x 286.4mm) Max view area (W x H)

1920x1080 Native resolution Aspect ratio 16:9 Pixel pitch (mm) .265mm

Dot/Pixel per Inch 96 dpi

Brightness 250 nits or cd/m2 (typical) Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical)

Color gamut 72%

Viewing angle at 10:1 CR 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical

Tilt adjustable stand Stand Sides: 0.709" (18.0mm); Bezel width

top: 0.709" (18.0mm); bottom: 1.197" (30.4mm) 15.92" H x 21.57" W x 7.67" D; Dimensions (HxWxD)

403.9mm H x 547.8mm W x 194.9mm D 30 watts typical, 35 watts maximum, Power supply <0.5 watts standby/suspend, universal,

integrated (no external brick-like power supply)

Weight Limited warranty⁴

8.20 lb; 3.72 kg **3 year** (includes backlight)

September 2012 Available date

VESA DDC/CI, VESA DPMS-compliant VESA-compliant²

ENERGY STAR® qualified Power management

Ergonomics ISO 9241-307 Emission standards

FCC Class B TCO (TCO Displays 5.2), RoHS Environmental

EPEAT™ Gold rating

Preset resolutions 640x350, 640x480, 720x400, 700x570 800x600, 832x624

SVGA:

XGA: 1024x768, 1152x864 SXGA: 1280x1024

WXGA: 1366x768 WXGA+: 1440x900, 1600x900

WSXGA+: 1680x1050 Full HD: 1920x1080 Standard presets: 26;

user settings: 26 Tilt: 21° backward, -5° forward

Viewing adjustments Rotating screen None

On screen display On screen display with digital user controls (8 languages)

Direct access (buttons at the middle bottom of the front bezel) for automatic image setup and brightness Control features Dual input (two different PCs attach to two different connectors; one PC shows image; select via button) Multiple input

Monitor connectors

(1) VGA 15-pin D-shell, analog, blue (2) Digital Visual Interface (DVI-D), digital, white, **HDCP-compliant** (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DVI-D at each end, digital, 1.8 meter Signal cables

Mounting features Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security

Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Monitor, tooless detachable stand, Quick start and safety poster, CD with multilingual User's Guide, setup test pattern and monitor installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord Ship group

Limited Warranty

3 year limited warranty⁴

Presets / user settings

- Replacement normally arrives in two business days, excluding holidays
- Lenovo pays all shipping costs for valid warranty claims⁶
- Service upgrade options:7
 - 3 year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo Services part number 41C9209)
 - 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)
 - 4 year, mail exchange (51J0589)
 - 5 year, mail exchange (51J0590)
- 24x78 day toll-free support for warranty issues during the warranty period4

Features

- Widescreen 23-inch monitor
- Supports Full HD 1920x1080 resolution
- Includes dual input connection for attachment to two systems concurrently (analog and digital)
- Arsenic free glass
- EPEAT Gold certified
- Microsoft® Windows® 7 certified



ThinkVision LS2323 Wide Monitor

Accessories

Kensington® MicroSaver® Cable Lock 73P2582 Kensington Twin Head Cable Lock 45K1620

See details at www.lenovo.com/support/monitoraccessories

See all monitors at www.lenovo.com/thinkvision

© Lenovo

LT1421 Wide Mobile Monitor Name

Case color Raven black

Type-model 1452-DS6 (with Protective Screen Cover) Panel TFT-LCD, twisted nematic (TN), White LED backlight

Viewable image size

14.0" (**355.6mm**) diagonal 12.2" x 6.9" (310.8mm x 175.3mm) Max view area (W x H)

Optimum resolution 1366x768 Aspect ratio 16:9 Pixel pitch (mm) .227mm Dot/Pixel per Inch 112 dpi

Brightness 200 nits or cd/m2 (typical)

Contrast ratio 400:1 (typical) Pixel response time 8ms (typical) Color gamut 45%

90° (+/- 45°) horizontal, 50° (+/- 25°) vertical Viewing angle at 10:1 CR

Tilt adjustable stand Stand Bezel width

Sides: 0.476" (12.1mm) 8.58" H x 13.19" W x 0.37-0.85" D; 217.9mm H x 335mm W x 9.3-21.5mm D Dimensions (HxWxD) Power supply 4.2 watts typical, 5 watts maximum,

4.2 watts typical, 3 watts maximum,
<0.1 watts standby/suspend, universal,
USB 2.0 cable (no external brick-like power supply)
monitor only: 1.91 lb; 0.87 kg;
with Protective Screen Cover: 2.31 lb; 1.05 kg

Weight

Limited warranty4 3 year (includes backlight) Available date September 2011

VESA-compliant² VESA DDC2B/CI, VESA DPMS-compliant

ENERGY STAR®3 5.1 Power management Emission standards FCC Class B Environmental WEEE, RoHS

Preset resolutions Display mode and resolution auto setup

Polycarbonate Snap-On Cover protects the LCD Protective Screen Cover

Screen while not in use

Tilt: 12° - 40° backward Viewing adjustments Brightness (16 levels)

Screen control Input **USB** input Monitor connectors USB 2.0

detachable, USB Y-Type cable, 1.8 meter Signal cables Mounting features

Security Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Features

- Widescreen 14-inch mobile monitor designed for ThinkPad
- Light and Slim
- Super low power (<5 watts)
- Supports 1366x768 resolution
- Ergonomic stand tilts, provides a 12° 40° backward tilt adjustment for comfortable viewing
- Detachable USB cable for power and signal
- Microsoft® Windows® 7 certified



ThinkVision LT1421 Wide Mobile Monitor



ThinkVision LT1421 Wide Mobile Monitor with ThinkPad Edge E420s





ThinkVision LT1421 with Protective Screen Cover

Ship group

Monitor, attached tile stand that cannot be removed, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter USB Y-Type cable, Protective Screen Cover

Limited Warranty

- 3 year limited warranty⁴
- Replacement normally arrives in two business days, excluding holidays
- Lenovo pays all shipping costs for valid warranty claims⁶
- Service upgrade options:7
 - 3 year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo Services part number 41C9209)
 - 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)
 - 4 year, mail exchange (51J0589)
 - 5 year, mail exchange (51J0590)
- 24x78 day toll-free support for warranty issues during the warranty period4

Accessories

Kensington® MicroSaver® Cable Lock 73P2582 Kensington Twin Head Cable Lock 45K1620

See details at www.lenovo.com/support/monitoraccessories

L1711p Flat Panel Monitor Name Case color Business black Type-model 5047-HB2 Panel TFT-LCD, twisted nematic (TN), CCFL backlight **17.0"** (**432mm**) diagonal 13.3" x 10.6" (337.9mm x 270.3mm) Viewable image size Max view area (W x H) Optimum resolution 1280x1024 at 60Hz Maximum resolution 1280x1024 at 75Hz (165MHz max pixel rate) Aspect ratio Pixel pitch (mm) 0.264mm Dot/Pixel per Inch 96 dpi Brightness 250 nits or cd/m2 (typical) Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical) Color gamut 72% Anti-reflective Anti-reflective, anti-glare 50 to 75Hz Vertical frequency Horizontal frequency 30 to 83kHz 160° (+/- 80°) horizontal, 160° (+/- 80°) vertical Tilt height adjustable stand Viewing angle at 10:1 CR Stand Sides: 0.6" (15.3mm); top: 0.72" (18.4mm); bottom: 1.11" (28.1mm) 16-20.33" H x 14.6" W x 6.1" D; 405.7-515.7mm H x 370mm W x 155.2mm D Bezel width Dimensions (HxWxD) 18 watts typical, 21 watts maximum. Power supply <1 watts standby/suspend, universal, integrated (no external brick-like power supply) 9.3 lb; 4.21kg Weight 3 year (includes backlight) Limited warranty4 November 2009 Available date VESA-compliant² VESA DDC2B/CI, VESA DPMS-compliant **ENERGY STAR® 5.0** Power management Ergonomics ISO 9241-307 Emission standards MPR-2. MPR-3A, FCC Class B TCO (TCO Displays 5.0), WEEE, RoHS, Environmental **EPEAT™** Gold rating Preset resolutions 640x350, 640x480, 720x400 VGA: SVGA: 800x600 XGA: 1024x768 SXGA: 1280x1024 Standard presets: 17; Presets / user settings user settings: 22

Features

- Regular screen 17-inch monitor
- Supports SXGA 1280x1024 resolution
- Ergonomic stand tilts and provides a 4.3" (110mm) range height adjustment for comfortable viewing
- Includes dual input connection for attachment to two systems concurrently (analog and digital)

 Reduces mercury content by 50% and arsenic free glass
- Up to 70% recycled packaging materials
- Privacy Filter Ślot
- Microsoft® Windows® 7 certified



ThinkVision L1711p Monitor

Viewing adjustments Tilt: 20° back, -3° forward; lift: 4.3" (110mm); detachable stand Rotating screen None On screen display On screen display with digital user controls (8 languages) Control features Direct access (buttons on front) for automatic image setup Multiple input Monitor connectors

Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)

(1) VGA 15-pin D-shell, analog, blue (2) Digital Visual Interface (DVI-D), digital, white, **HDCP-compliant** Signal cables

(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DVI-D at each end, digital, 1.8 meter

Mounting features Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group

Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord

Limited Warranty

- 3 year limited warranty⁴
- Replacement normally arrives in two business days, excluding holidays
- Lenovo pays all shipping costs for valid warranty claims⁶
- Service upgrade options:7
 - 3 year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo Services part number 41C9209)
 - 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9215)
 - 4 year, mail exchange (51J0589)
 - 5 year, mail exchange (51J0590)
- 24x78 day toll-free support for warranty issues during the warranty period4

Accessories

Kensington® MicroSaver® Cable Lock 73P2582 Kensington Twin Head Cable Lock 45K1620 Lenovo Easy Reach Monitor Stand 55Y9258

See details at www.lenovo.com/support/monitoraccessories

Name LT1712p Flat Panel Monitor **Features** Case color Business black • 17-inch Square LCD monitor Type-model 5047-HC2 Supports SXGA 1280x1024 resolution Panel TFT-LCD, twisted nematic (TN), CCFL backlight **17.0"** (**432mm**) diagonal 13.3" x 10.6" (337.9mm x 270.3mm) Viewable image size Max view area (W x H) Includes dual input connection for attachment to two Optimum resolution 1280x1024 systems concurrently (analog and digital) Aspect ratio 5:4 Arsenic free glass Pixel pitch (mm)
Dot/Pixel per Inch 0.264mm 96 dpi Lenovo bracket Brightness 250 nits or cd/m2 (typical) Microsoft® Windows® 7 certified 1000:1 (typical) 5ms (typical) Contrast ratio Pixel response time Color gamut 170% (+/- 85°) horizontal, 160° (+/- 80°) vertical Tilt height adjustable stand Sides: 0.60" (15.3mm); top: 0.72" (18.4mm); bottom: 1.11" (28.1mm) 12.5" H x 14.6" W x 2.1" D; Viewing angle at 10:1 CR Stand Bezel width **Dimensions** (HxWxD, excluding stand) 318.3mm H x 370.0mm W x 53.0mm D Dimensions 16.0" H x 14.6" W x 6.1" D; Dimensions 405.7mm H x 370.0mm W x 155.2mm D 15.5 watts typical, 19.0 watts maximum, <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply) (HxWxD, including stand) Power supply 9.35 lb; 4.24kg

3 year (includes backlight)
January 2013 Weight Limited warranty⁴ Available date VESA-compliant² VESA DDC2B/CI, VESA DPMS-compliant Power management **ENERGY STAR® 6.0** ISO 9241-307 Ergonomics MPR-2. FCC Class B TCO Displays 6.0, TCO Certified Edge 1.1, WEEE, RoHS, **EPEAT™ Gold rating** Emission standards Environmental Preset resolutions VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768 SXGA: 1280x1024 Presets / user settings Standard presets: 17; ThinkVision LT1712p Monitor user settings: 22

Tilt: 20° back, -3° forward; lift: 4.3" (110mm); detachable stand

- Ergonomic stand tilts and provides a 4.3" (110mm) range height adjustment for comfortable viewing
- Supports Lenovo Tiny PC and 3rd party thin client via optional



Rotating screen	None
On screen display	On screen display with digital user controls (8 languages)
Control features	Direct access (buttons on front) for automatic image setup
Multiple input	Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)
Monitor connectors	(1) VGA 15-pin D-shell, analog, blue
	(2) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant
Signal cables	(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter
_	(2) detachable, DVI-D at each end, digital, 1.8 meter
Mounting features	Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)
Security	Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)
Ship group	Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor
1 0 1	installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord

Limited Warranty See details at http://support.lenovo.com/en_US/guides-and-manuals/detail.page?DocID=UM008281	Accessories Kensington® MicroSaver® Cable Lock 73P2582 Kensington Twin Head Cable Lock 45K1620 Lenovo Easy Reach Monitor Stand 55Y9258
	See details at www.lenovo.com/support/monitoraccessories
	See all monitors at www.lenovo.com/thinkvision

Viewing adjustments Rotating screen

None

Features

• High-bandwidth Digital Content Protection (HDCP)-compliant

Lenovo ThinkVision L197 Wide

Resolution of 1440x900 provides crisp screen images
 Slim 14.3mm (0.56") side bezel

• Includes dual input connection for attachment to two

Complements the ThinkCentre® and ThinkPad® systems
 Microsoft® Windows® Vista™ Premium certified

• Widescreen 19-inch flat panel monitor

• View images in a 16:10 wide aspect ratio

systems concurrently (analog and digital)

EPEAT™ Gold rating

Flat Panel Monitors - US model

Name L197 Wide Flat Panel Monitor **Business black**

Case color Type-model 4434-HE1 Stand Tilt stand

LCD Active Matrix TFT (Thin Film Transistor) Screen

Viewable image size (diag) 19.0" / 481mm (diagonal)

Aspect ratio 16:10 Pixel pitch (mm) .285mm

16.1" x 10.0" (horizontal x vertical) Max view area (inches) Max view area (mm) 408mm x 255mm (horizontal x vertical) Viewing angle at 5:1 CR 176° vertical, 176° horizontal 160° vertical, 170° horizontal

Viewing angle at 10:1 CR Digital or analog (two separate connectors)

Dual input (two different PCs attach to two different Video input Dual input

connectors; one PC shows image; select via button) Rotating screen USB Hub No pivot None

1440x900 at 60Hz Optimum resolution

1440x900 at 75Hz (137MHz maximum pixel rate) Maximum resolution

Vertical frequency 50 to 76Hz Horizontal frequency 30 to 81kHz

Preset display modes VGA: 640x480 60, 66, 72, 75Hz

70Hz 640x350 720x400 70Hz

SVGA: 800x600 56, 60, 72, 75Hz 832x624 75Hz

XGA: 1024x768 60, 70, 75Hz 1152x864 75Hz 1280x1024 60, 70, 75Hz

WXGA+: 1440x900 60, 75Hz Standard presets: 20; user settings: 20 Presets / user settings

Brightness 250 nits or cd/m² (typical) Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical)

Color gamut

On screen display

Monitor connectors

Control features

Power supply

On screen display with digital user controls (7 languages) Direct access (buttons on front) for automatic image setup Two connectors: (1) analog VGA 15-pin D-shell [blue],

(2) Digital Visual Interface (DVI-D) for digital (not analog) attach [white], HDCP-compliant Signal cables Two cables:

(1) detachable, VGA 15-pin D-shell at each end (for analog connector), 1.8 meter, matches color of monitor (2) detachable digital, DVI-D at each end (for digital connector), 1.8 meter, matches color of monitor

Anti-reflective, anti-glare 15.0"H x 17.3"W x 7.0"D / 381mm height x 440mm width x 179mm depth Anti-reflective Dimensions

9.15lb / 4.15kg

Viewing adjustments Tilt: 30° back, 4° forward / no lift, no swivel, detachable stand

Mounting features Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security

Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

VESA-compliant² VESA DDC2B/CI, VESA DPMS-compliant

Power management Ergonomics

Pixel defect

Emission standards

Environmental

VESA DDC2B/CI, VESA DPWS-compilant
ENERGY STAR® 5.0
ISO 13406 Part 2¹
ISO 13406-2 Class II pixel defect standard
MPR-2, MPR-3A, FCC Class B
TCO 03, WEEE, RoHS (EU Directive 2002/95/EC), EPEAT™ Gold rating
Monitor, attached stand, Setup Guide, Safety and Warranty Information, CD with multilingual User's Guide and Ship group

monitor installation files, analog signal cable, digital signal cable, 1.8m black power cord 90-264Vac (universal), integrated (no external brick-like power supply), 22 watts typical, <2 watts standby/suspend

Limited warranty4 3 year (includes backlight)

Available date April 2008

Accessories **Limited Warranty**

3 year limited warranty⁴

Replacement normally arrives in two business days, excluding holidays

Lenovo pays all shipping costs for valid warranty claims⁶

Service upgrade options:7

 3 year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo Services part number 41C9209)

• 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)

4 year, mail exchange (51J0589)

5 year, mail exchange (51J0590)

24x78 day toll-free support for warranty issues during the warranty period4

Kensington® MicroSaver® Cable Lock 73P2582 Kensington Twin Head Cable Lock 45K1620 Lenovo Easy Reach Monitor Stand 55Y9258

See details at www.lenovo.com/support/monitoraccessories

Name L1900p Flat Panel Monitor Case color Business black Type-model 4431-HE1 Panel TFT-LCD, twisted nematic (TN), CCFL backlight **19.0"** (**483mm**) diagonal 14.8" x 11.85" (376mm x 301mm) Viewable image size Max view area (W x H) Optimum resolution 1280x1024 at 60Hz Maximum resolution 1280x1024 at 75Hz (135MHz max pixel rate) Aspect ratio 5:4 Pixel pitch (mm) .294mm Dot/Pixel per Inch 86 dpi Brightness 250 nits or cd/m2 (typical) Contrast ratio 800:1 (typical) Pixel response time 5ms (typical) Color gamut 72% Anti-reflective Anti-reflective, anti-glare 56 to 76Hz Vertical frequency Horizontal frequency 30 to 81kHz 160° (+/- 80°) horizontal, 160° (+/- 80°) vertical Viewing angle at 10:1 CR Tilt, swivel, pivot, and height adjustable stand Sides: 0.6" (15.3mm); top: 0.66" (16.8mm); bottom: 1.05" (26.8mm) 14.9-19.2" H x 16.1" W x 7.4-9.5" D; 378.7-488.7mm H x 408mm W x 188-241.1mm D Stand Bezel width Dimensions (HxWxD) 17 watts typical, 24 watts maximum. Power supply <1 watts standby/suspend, universal, integrated (no external brick-like power supply) Weight Limited warranty⁴ 12.5 lb; 5.7kg 3 year (includes backlight) Available date November 2008 VESA-compliant² VESA DDC2B/CI, VESA DPMS-compliant Power management ENERGY STAR®3 5.0 ENERGY SIAR 5.0 ISO 13406 Part 2¹ ISO 13406-2 Class II pixel defect standard MPR-2. MPR-3A, FCC Class B TCO 03, WEEE, RoHS (EU Directive 2002/95/EC), EPEAT™ Gold rating, GREENGUARD® certified **Ergonomics** Pixel defect Emission standards Environmental

Features

- Regular screen 19-inch monitor
- Supports SXGA 1280x1024 resolution
- Ergonomic stand tilts, swivels, pivots and provides a 4.3" (110mm) range height adjustment for comfortable viewing
- Detachable rear stand cable cover and clip to hide cables
- Microsoft® Windows® Vista® certified



with optional ThinkVision Soundbar

user settings: 17 Tilt: 30° back, 0° forward; lift: 4.3" (110mm); swivel: +/-45°; detachable stand

Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller) Viewing adjustments Rotating screen On screen display On screen display with digital user controls (8 languages) Direct access (buttons on front) for automatic image setup

Multiple input (two different PCs attach to two different connectors; one PC shows image; select via button) Control features Multiple input (1) VGA 15-pin D-shell, analog, blue (2) Digital Visual Interface (DVI-D), digital, white, **HDCP-compliant** (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter Monitor connectors Signal cables (2) detachable, DVI-D at each end, digital, 1.8 meter

1024x768

1280x1024

Standard presets: 21;

640x350, 640x480, 720x400 800x600

Mounting features Security

Ship group

Preset resolutions

Presets / user settings

Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Monitor, attached stand, cable cover, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord

Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)

Limited Warranty

- 3 year limited warranty⁴
- Replacement normally arrives in two business days, excluding holidays
- Lenovo pays all shipping costs for valid warranty claims⁶

SVGA: XGA:

SXGA:

- Service upgrade options:7
 - 3 year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo Services part number 41C9209)
 - 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)
 - 4 year, mail exchange (51J0589)
 - 5 year, mail exchange (51J0590)
- 24x78 day toll-free support for warranty issues during the warranty period4

Accessories

Kensington® MicroSaver® Cable Lock 73P2582 Kensington Twin Head Cable Lock 45K1620 Lenovo Easy Reach Monitor Stand 55Y9258

See details at www.lenovo.com/support/monitoraccessories

Name LT1952p Wide Flat Panel Monitor Case color Business black Type-model 2448-MB6 Panel TFT-LCD, twisted nematic (TN), White LED backlight 19" (482.6mm) diagonal 16.07" x 10.05" (408.2mm x 255.2mm) 1440x900 Viewable image size Max view area (W x H) Optimum resolution Max pixel rate 137MHz Aspect ratio 16:10 Pixel pitch (mm) 0.2835mm Dot/Pixel per Inch 89.4 dpi Brightness 250 nits or cd/m2 (typical) Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical) Color gamut 72% 72%
Anti-reflective, anti-glare
170° horizontal, 160° vertical
Tilt, swivel, and height adjustable stand
Sides: 0.61" (15.6mm); top: 0.67" (17.1mm);
bottom: 1.2" (30.5mm)
15.66-19.99" H x 17.36" W x 6.74" D;
397.7-507.7mm H x 440.9mm W x 171.3mm D Anti-reflective Viewing angle at 10:1 CR Stand Bezel width Dimensions (HxWxD) 13 watts typical, 17 watts maximum, <0.5 watts standby/suspend, universal, Power supply integrated (no external brick-like power supply) 9.49 lb; 4.30kg Weight 3 year (includes backlight) Limited warranty4 Available date September 2011 VESA-compliant² VESA DDC2B/CI ENERGY STAR® 5.1 Power management ISO 9241-307 Ergonomics Emission standards MPR-2, FCC Class B TCO Displays 5.2, TCO Certified Edge 1.1, WEEE, RoHS, **EPEAT™ Gold rating**, ULE Gold Environmental Preset resolutions VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA: 1280x768, 1366x768 WXGA+: 1440x900

Features

- Widescreen 19-inch monitor
- Supports 1440x900 resolution
- Ergonomic stand tilts, swivel, and provides a 4.3" (110mm) range height adjustment for comfortable viewing
- Cable Management for better user experience
- Mercury and arsenic free glass
- Recycled content in plastic material
- Privacy Filter Slot
- Microsoft® Windows® 7 certified



ThinkVision LT1952p Wide Monitor

Presets / user settings Standard presets: 22; user settings: 22 Viewing adjustments Tilt: 20° back, -3° forward; lift: 4.3" (110mm); swivel: +/-180°; detachable stand Rotating screen None On screen display On screen display with digital user controls (8 languages) Direct access (buttons on front) for automatic image setup, input switch, and brightness Control features Triple input (three different PCs attach to three different connectors; one PC shows image; select via button) Multiple input (1) VGA 15-pin D-shell, analog, blue
(2) DisplayPort, digital, black, HDCP-compliant
(3) Digital Visual Interface (DVI-D), digital, white, **HDCP-compliant**(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter
(2) detachable, DVI-D at each end, digital, 1.8 meter Monitor connectors Signal cables Note: DisplayPort cable is not included; use optional DisplayPort to DisplayPort Monitor Cable (0A36537) Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Mounting features Security Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter black power cord Ship group

imitad	Warranty

- 3 year limited warranty⁴
- Replacement normally arrives in two business days, excluding holidays
- Lenovo pays all shipping costs for valid warranty claims⁶
- Service upgrade options:7
 - 3 year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo Services part number 41C9209)
 - 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)
 - 4 year, mail exchange (51J0589)
 - 5 year, mail exchange (51J0590)
- 24x78 day toll-free support for warranty issues during the warranty period4

Accessories

DisplayPort to DisplayPort Monitor Cable Kensington MicroSaver Cable Lock Kensington Twin Head Cable Lock Lenovo Security Cable Lock	0A36537 73P2582 45K1620 57Y4303
Lenovo Security Cable Lock	
ThinkCentre Extend Arm	57Y4352
Lenovo Easy Reach Monitor Stand	55Y9258

See details at www.lenovo.com/support/monitoraccessories

LT1953 Wide Flat Panel Monitor Name

Case color **Business black**

Type-model 1453-HB1 (Latin America)

Panel TFT-LCD, twisted nematic (TN), White LED backlight

Viewable image size 19" (482.6mm) diagonal

16.07" x 10.05" (408.2mm x 255.2mm) Max view area (W x H)

1440x900 Optimum resolution Max pixel rate 205MHz(VGA), 165MHz(DVI)

Aspect ratio 16:10 Pixel pitch (mm) 0.2835mm Dot/Pixel per Inch 89.4 dpi

Brightness 250 nits or cd/m2 (typical)

Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical)

Color gamut 72%

170° horizontal, 160° vertical Viewing angle at 10:1 CR

Stand Tilt stand

Sides: 0.66" (16.8mm); top: 0.66" (16.8mm); bottom: 0.66" (16.8mm) 11.42" H x 17.45" W x 1.99" D; Bezel width

Dimensions

290.2mm H x 443.2mm W x 50.5mm D 13.94" H x 17.45" W x 6.33" D; (HxWxD, excluding stand) Dimensions

(HxWxD, including stand) 354.0mm H x 443.2mm W x 160.7mm D Power supply 17 watts typical, 20 watts maximum, <0.5 watts standby/suspend, universal, integrated (no external brick-like power supply)

Weight Limited warranty⁴ 6.61 lb; 3.00kg

3 year (includes backlight)

Available date March 2013 VESA-compliant² VESA DDC2B/CI

Power management **ENERGY STAR® 6.0** ISO 9241-307 Ergonomics Emission standards

MPR-2, FCC Class B TCO Displays 6.0, TCO Certified Edge 1.1, WEEE, RoHS, **EPEAT™ Gold rating**, ULE Gold Environmental

Preset resolutions VGA: 640x350, 640x480, 720x400

SVGA: 800x600, 832x624 XGA: 1024x768, 1152x864 SXGA: 1280x1024

WXGA+: 1440x900 Presets / user settings Standard presets: 20; user settings: 20

Tilt: 22° back, -5° forward; Viewing adjustments

Rotating screen None

On screen display On screen display with digital user controls (8 languages)

Direct access (buttons on front) for automatic image setup, input switch, and brightness Control features

Dual input (two different PCs attach to two different connectors; one PC shows image; select via button) Multiple input

Monitor connectors

(1) VGA 15-pin D-shell, analog, blue (2) Digital Visual Interface (DVI-D), digital, white, **HDCP-compliant** Signal cables

(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DVI-D at each end, digital, 1.8 meter

Mounting features Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security

Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group Monitor, tilt stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter black power cord

Limited Warranty

- 3 year limited warranty⁴
- Replacement normally arrives in two business days, excluding holidays
- Lenovo pays all shipping costs for valid warranty claims⁶
- Service upgrade options:7
 - 3 year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo Services part number 41C9209)
 - 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)
 - 4 year, mail exchange (51J0589)
 - 5 year, mail exchange (51J0590)
- 24x78 day toll-free support for warranty issues during the warranty period4

Features

- Widescreen 19-inch monitor • Supports 1440x900 resolution
- VGA and DVI connections
- Arsenic free glass
- Support Lenovo Tiny PC via VESA mount
- 85% PCC plastic resins
 Microsoft® Windows® 7 certified
- Microsoft Windows 8 certified



ThinkVision LT1953 Wide Monitor

Accessories

Kensington MicroSaver Cable Lock 73P2582 Kensington Twin Head Cable Lock 45K1620 Lenovo Security Cable Lock 57Y4303

See details at www.lenovo.com/support/monitoraccessories

LT2013p Wide Flat Panel Monitor Name Case color Business black Type-model 60A0MAR1US Panel TFT-LCD, twisted nematic (TN), White LED backlight **19.5**" (**494mm**) diagonal 17.05" x 9.44" / 433.0mm x 239.8mm Viewable image size Max view area (W x H) Optimum resolution 1600x900 Aspect ratio 16:9 Pixel pitch (mm)
Dot/Pixel per Inch .27mm 94 dpi Brightness 250 nits or cd/m2 (typical) 1000:1 (typical) 5ms (typical) Contrast ratio Pixel response time Color gamut 72% 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical Viewing angle at 10:1 CR Tilt, swivel, pivot, and height adjustable stand (tooless Stand detachable) | Dezel width | Sides: | 0.66" (16.8mm); | top: | 0.66" (16.8mm); | top: | 0.66" (16.8mm); | bottom: | 0.66" (16.8mm) | Dimensions | 10.82" H x 18.39" W x 2.07" D; | (HxWxD, excluding stand) | 274.8mm H x 467.0mm W x 52.8mm D Dimensions | 13.25" H x 18.39" W x 7.87" D; | (HxWxD, including stand) | 336.5mm H x 467.0mm W x 200.0mm D | 17 watts typical, 36 watts maximum, | <1.0 watts sleep/off (w/o USB hub); | <0.5 watts switch off (w/o USB hub) | integrated (no external brick-like power signal watts | 16.8mm; | 1 integrated (no external brick-like power supply) Weight 9.70 lb; 4.40kg (excluding stand) Limited warranty4 3 year (includes backlight) March 2013 Available date VESA DDC2B/CI, VESA DPMS-compliant VESA-compliant² ENERGY STAR®3 6.0 ISO 9241-307 Power management Ergonomics Emission standards MPR-2, FCC Class B TCO Displays 6.0, TCO Certified Edge 1.1, RoHS, EPEAT™ Gold rating Environmental 640x350, 640x480, 720x400 800x600, 832x624 Preset resolutions SVGA: XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA: 1366x768 WXGA+: 1440x900 WSXGA+:

Features

- Widescreen 19.5-inch monitor
- HD support, HDCP-compliant
- Ergonomic stand tilts, swivels, pivots and provides a 4.3" (110mm) range height adjustment for comfortable viewing

 Compliance with ENERGY STAR 6.0
- Support Lenovo Tiny PC and 3rd party thin client via optional Lenovo bracket
- Arsenic/Lead/Mercury free
- EPEAT Gold certified
- Microsoft® Windows® 7 certified
- Microsoft Windows 8 certified



ThinkVision LT2013p Wide Monitor

Presets / user settings	Presets: 24; user settings: 24					
Viewing adjustments Rotating screen		ait (requires image rotation support from graphics controller,				
On screen display Control features	do not support image rotation under dual image mode On screen display with digital user controls (8 language Direct access (buttons on front) for automatic image s	rés)				
USB hub Multiple input Monitor connectors	USB 2.0 Hub (1 port into PC, 4 ports for accessories) Triple input (three different PCs attach to three different connectors; one PC shows image; select via button)					
0: 1 11	(2) DisplayPort, digital, black, HDCP-compliant (3) HDMI (1.4), digital, HDCP-compliant					
Signal cables Mounting features Security	(1) detachable, VĞA 15-pin D-shell at each end, analo Wall or desk mounting using the Extend Arm or third-p Security keyhole for attachment of optional cable lock	party asccessories meeting the VESA FPMPMI® (100mm mount)				
Ship group	Monitor, tooless detachable stand, Quick start and sat and monitor installation files, analog signal cable, 1.8	ety poster, CD with multilingual User's Guide, setup test pattern, meter USB cable, 1.8 meter black power cord				

Limited Warranty	Accessories
 ⇒ 3 year limited warranty⁴ ⇒ International Warranty Service⁵ ⇒ Replacement normally arrives in two business days, excluding holidays ⇒ Lenovo pays all shipping costs for valid warranty claims⁶ ⇒ Service upgrade options:⁷ • 3 year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo Services part number 41C9209) 	Kensington® MicroSaver® Cable Lock 73P2582 Kensington Twin Head Cable Lock 45K1620 Lenovo Security Cable Lock 57Y4303 Lenovo Easy Reach Monitor Stand 55Y9258 ThinkCentre Extend Arm 57Y4352
 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233) 4 year, mail exchange (51J0589) 5 year, mail exchange (51J0590) 24x7⁸ day toll-free support for warranty issues during the warranty period⁴ 	See details at www.lenovo.com/support/monitoraccessories See all monitors at www.lenovo.com/thinkvision

Name ThinkVision LT2223p 21.5-inch FHD LED Backlit LCD Monitor Case color **Business black** Type-model 60A1MAR2US Panel TFT-LCD, twisted nematic (TN), White LED backlight **21.5"** (**546mm**) diagonal 18.74" x 10.54" / 476.1mm x 267.8mm **1920x1080** Viewable image size Max view area (W x H) Optimum resolution Aspect ratio 16:9 0.248mm Pixel pitch (mm) Dot/Pixel per Inch 103 dpi Brightness 250 nits or cd/m2 (typical) Contrast ratio 1000:1 (typical) Dynamic Contrast ratio 2000000:1 Pixel response time 5ms (typical) Color gamut 72% Viewing angle at 10:1 CR 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical Stand Tilt, swivel, pivot, and height adjustable stand (tooless detachable) detachable)
Sides: 0.68" (17.3mm);
top: 0.68" (17.3mm);
bottom: 0.68" (17.3mm)
11.97" H x 20.18" W x 2.22" D;
)304.1mm H x 512.6mm W x 56.4mm D
14.29" H x 20.18" W x 8.60" D;
362.9mm H x 512.6mm W x 218.4mm D
23 watts typical, 27 watts maximum,
<0.5 watts standby/suspend, universal, integrated (no external brick-like power s Bezel width **Dimensions** (HxWxD, excluding stand) Dimensions (HxWxD, including stand) Power supply integrated (no external brick-like power supply) Weight (including stand) 10.94 lb; 4.96kg Weight (Head only) 6.77 lb; 3.07kg Limited warranty 3 year (includes backlight) Available date March 2013 VESA-compliant² VESA DDC2B/CI, VESA DPMS-compliant ENERGY STAR®3 6.0 Power management ISO 9241-307
MPR-2, FCC Class B
TCO Displays 6.0, TCO Certified Edge 1.1, RoHS,
EPEAT™ Gold rating Ergonomics Emission standards **Environmental** 640x350, 640x480, 720x400 800x600, 832x624 Preset resolutions VGA: SVGA: XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA: 1366x768 WXGA+: 1440x900

Features

Widescreen 21.5-inch monitor

• 1080p full HD support

• Integrated USB Hub (4 USB 2.0)

Supports VGA, DisplayPort 1.2 and HDMI 1.4 interfaces (HDCP-compliant)

Ergonomic stand tilts, swivels, pivots and provides a 4.3" (110mm) range height adjustment for comfortable viewing Compliance with ENERGY STAR 6.0

Support Lenovo Tiny PC and 3rd party thin client via optional Lenovo bracket

Arsenic/Lead/Mercury free

EPEAT Gold certified

Microsoft® Windows® 7 certified
Microsoft Windows 8 certified



ThinkVision LT2223p Wide Monitor

Presets: 27; user settings: 20 Tilt: 30° back, -5° forward; lift: 4.3" (110mm); swivel: +/-45°; detachable stand Viewing adjustments

1600x900, 1680x1050

Rotating screen

Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller, do not support image rotation under dual image modes)

On screen display

1920x1080

Control features

USB hub

do not support image rotation under dual image modes)
On screen display with digital user controls (8 languages)
Direct access (buttons on front) for automatic image setup, input switch, and brightness
USB 2.0 Hub: 1 port into PC (USB 2.0); 4 ports for accessories (4 USB 2.0)
Triple input (three different PCs attach to three different connectors; one PC shows image; select via button)
(1) VGA 15-pin D-shell, analog, blue
(2) DisplayPort (1.2), digital, black, HDCP-compliant
(3) HDMI (1.4), digital, HDCP-compliant
(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter Multiple input

Monitor connectors

WSXGA+:

Full HD:

Wall or desk mounting using the Extend Arm or third-party ascessories meeting the VESA FPMPMI® (100mm mount) Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Mounting features Security

Monitor, tooless detachable stand, Quick start and safety poster, CD with multilingual User's Guide, setup test pattern, and monitor installation files, analog signal cable, 1.8 meter USB cable, 1.8 meter black power cord Ship group

Limited Warranty

3 year limited warranty⁴

Presets / user settings

Signal cables

- Replacement normally arrives in two business days, excluding holidays
- Lenovo pays all shipping costs for valid warranty claims⁶
- Service upgrade options:7
 - 3 year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo Services part number 41C9209)
 - 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)
 - 4 year, mail exchange (51J0589)
 - 5 year, mail exchange (51J0590)
- 24x78 day toll-free support for warranty issues during the warranty period4

Accessories

Lenovo USB Soundbar	0A36190
Kensington® MicroSaver® Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620
Lenovo Security Cable Lock	57Y4303
Lenovo Easy Reach Monitor Stand	55Y9258
ThinkCentre Extend Arm	57Y4352

See details at www.lenovo.com/support/monitoraccessories

ThinkVision LT2223z Name **Features** 21.5-inch FHD LED Backlit LCD VolP Monitor Widescreen 21.5-inch monitor Case color **Business black** • 1080p full HD support Type-model 60A2MAR2US Integrated camera (FHD), speakers & dual digital microphone Integrated USB 3.0 Hub (2 USB 3.0) Supports VGA, DisplayPort 1.2 and HDMI 1.4 interfaces Panel TFT-LCD, twisted nematic (TN), White LED backlight **21.5"** (**546mm**) diagonal 18.74" x 10.54" / 476.1mm x 267.8mm **1920x1080** Viewable image size Max view area (W x H) (HDCP-compliant) Optimum resolution Ergonomic stand tilts, swivels, pivots and provides a 4.3" Aspect ratio 16:9 (110mm) range height adjustment for comfortable viewing Compliance with ENERGY STAR 6.0 0.248mm Pixel pitch (mm) Dot/Pixel per Inch 103 dpi Support Lenovo Tiny PC and 3rd party thin client via optional Brightness 250 nits or cd/m2 (typical) Lenovo bracket Contrast ratio 1000:1 (typical) Arsenic/Lead/Mercury free Dynamic Contrast ratio 2000000:1 EPEAT Gold certified
 Microsoft® Windows® 7 certified Pixel response time 5ms (typical) Color gamut Microsoft Windows 8 certified Viewing angle at 10:1 CR 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical Stand Tilt, swivel, pivot, and height adjustable stand (tooless detachable) detachable)
Sides: 0.68" (17.3mm);
top: 1.33" (33.8mm);
bottom: 1.88" (47.8mm)
13.82" H x 20.18" W x 2.12" D;
351.1mm H x 512.6mm W x 56.4mm D
14.94" H x 20.18" W x 8.60" D;
379.4mm H x 512.6mm W x 218.4mm D Bezel width **Dimensions** (HxWxD, excluding stand) Dimensions (HxWxD, including stand) 24 watts typical, 28 watts maximum, <0.5 watts standby/suspend, universal, Power supply integrated (no external brick-like power supply) Weight (including stand) Weight (Head only) 11.98 lb; 5.43kg 7.79 lb; 3.53kg Limited warranty 3 year (includes backlight) Available date April 2013 VESA-compliant² VESA DDC2B/CI, VESA DPMS-compliant ENERGY STAR®3 6.0 Power management ENERGY 3 IAN 10.0 ISO 9241-307 MPR-2, FCC Class B TCO Displays 6.0, TCO Certified Edge 1.1, RoHS, EPEAT™ Gold rating Ergonomics Emission standards **Environmental** 640x350, 640x480, 720x400 800x600, 832x624 Preset resolutions VGA: SVGA: XGA: 1024x768, 1152x864 SXGA: 1280x1024 WXGA: 1366x768 WXGA+: 1440x900 ThinkVision LT2223z Wide Monitor WSXGA+: 1600x900, 1600x1050 Full HD: 1920x1080 Presets / user settings Presets: 25; user settings: 20 Tilt: 30° back, -5° forward; lift: 4.3" (110mm); swivel: +/-45°; detachable stand

Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller, Viewing adjustments Rotating screen do not support image rotation under dual image modes) On screen display with digital user controls (8 languages) On screen display On screen display with digital user controls (8 languages)
Direct access (buttons on front) for MIC mute, speaker mute and hook switch buttons
USB 3.0 Hub: 1 port into PC (USB 3.0); 2 ports for accessories (2 USB 3.0)
Integrated digital speakers (3 watts x 2)
Integrated camera (FHD) and digital dual microphone array, with Camera lock button for security
Triple input (three different PCs attach to three different connectors; one PC shows image; select via button)
(1) VGA 15-pin D-shell, analog, blue
(2) DisplayPort (1.2), digital, black, HDCP-compliant
(3) HDMI (1.4), digital, HDCP-compliant
(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter
Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA EPMPMI® (100mr Control features USB hub Multimedia Camera Multiple input Monitor connectors

Limited	Morront
Limitea	Warranty

3 year limited warranty⁴

Signal cables

Security

Ship group

Mounting features

- Replacement normally arrives in two business days, excluding holidays
- Lenovo pays all shipping costs for valid warranty claims
- Service upgrade options:7
 - 3 year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo Services part number 41C9209)
 - 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)
 - 4 year, mail exchange (51J0589)
 - 5 year, mail exchange (51J0590)
- 24x78 day toll-free support for warranty issues during the warranty period

Accessories

Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount)

Monitor, tooless detachable stand, Quick start and safety poster, CD with multilingual User's Guide, setup test pattern, and installation files, analog signal cable, 1.8 meter USB 3.0 cable, 1.8 meter black power cord

Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Kensington® MicroSaver® Cable Lock 73P2582 Kensington Twin Head Cable Lock 45K1620 Lenovo Security Cable Lock 57Y4303 Lenovo Easy Reach Monitor Stand 55Y9258 ThinkCentre Extend Arm 57Y4352

See details at www.lenovo.com/support/monitoraccessories

L2250p Wide Flat Panel Monitor Name Case color Business black Type-model 2572-HB6 Panel TFT-LCD, twisted nematic (TN), CCFL backlight **22.0"** (**559mm**) diagonal 18.7" x 11.7" (473.8mm x 296.1mm) Viewable image size Max view area (W x H) 1680x1050 at 60Hz Optimum resolution Maximum resolution 1680x1050 at 75Hz (205MHz max pixel rate) Aspect ratio 16:10 Pixel pitch (mm) .282mm Dot/Pixel per Inch 90 dpi Brightness 250 nits or cd/m2 (typical) Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical) Color gamut 72% Anti-reflective Anti-reflective, anti-glare 50 to 75Hz Vertical frequency Horizontal frequency 30 to 83kHz 30 to 83kHz 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical Tilt and height adjustable stand *Sides*: 0.60" (15.3mm); *top*: 0.79" (20.0mm); *bottom*: 1.10" (28.0mm) 15.68-18.83" H x 19.92" W x 6.11" D; 398.3-478.3mm H x 506mm W x 155.2mm D Viewing angle at 10:1 CR Stand Bezel width Dimensions (HxWxD) 21 watts typical, 28 watts maximum, Power supply <1 watts standby/suspend, universal, integrated (no external brick-like power supply) 11.49 lb; 5.21kg Weight 3 year (includes backlight) Limited warranty4 October 2009 Available date VESA DDC2B/CI, VESA DPMS-compliant ENERGY STAR® 5.0 VESA-compliant² Power management Ergonomics ISO 9241-307 MPR-2. MPR-3A, FCC Class B TCO (TCO Displays 5.0), WEEE, RoHS, Emission standards Environmental **EPEAT™** Gold rating Preset resolutions 640x350, 640x480, 720x400 VGA: SVGA: 800x600 XGA: 1024x768,1152x864 1280x1024 SXGA: 1440x900 WXGA+:

Features

- Widescreen 22-inch monitor
- Supports WSXGA+ 1680x1050 resolution
- Ergonomic stand tilts and provides a 3.1" (80mm) range height adjustment for comfortable viewing
- Includes dual input connection for attachment to two systems concurrently (analog and digital)

 Reduces mercury content by 50% and arsenic free glass

 Up to 65% recycled packaging materials

- Privacy Filter Ślot
- Microsoft® Windows® 7 certified



ThinkVision L2250p Wide Monitor

Standard presets: 24; user settings: 20 Viewing adjustments Tilt: 20° back, -3° forward; lift: 3.1" (80mm); detachable stand Rotating screen None On screen display On screen display with digital user controls (8 languages) Control features Direct access (buttons on front) for automatic image setup USB hub None Camera

1600x1000

Multiple input Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)

Monitor connectors

WSXGA+: 1680x1050

UXGA:

(1) VGA 15-pin D-shell, analog, blue (2) Digital Visual Interface (DVI-D), digital, white, **HDCP-compliant** (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DVI-D at each end, digital, 1.8 meter Signal cables

Mounting features Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Security

Monitor, attached stand, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter digital signal cable, 1.8 meter black power cord Ship group

Limited Warranty

3 year limited warranty⁴

Presets / user settings

- Replacement normally arrives in two business days, excluding holidays
- Lenovo pays all shipping costs for valid warranty claims⁶
- Service upgrade options:7
 - 3 year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo Services part number 41C9209)
 - 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)
 - 4 year, mail exchange (51J0589)
 - 5 year, mail exchange (51J0590)
- 24x78 day toll-free support for warranty issues during the warranty period4

Accessories

Kensington MicroSaver® Cable Lock 73P2582 Kensington Twin Head Cable Lock 45K1620 Lenovo Easy Reach Monitor Stand 55Y9258

See details at www.lenovo.com/support/monitoraccessories

Name LT2252p Wide Flat Panel Monitor Case color Business black Type-model 2572-MB6 / 2572-MB1 Panel

TFT-LCD, twisted nematic (TN), White LED backlight

Viewable image size **22**" (**559mm**) diagonal

18.7[°] x 11.7[°] Max view area (W x H) (473.8mm x 296.1mm)

1680x1050 Optimum resolution Max pixel rate 205MHz Aspect ratio 16:10 Pixel pitch (mm) 0.282mm Dot/Pixel per Inch 90 dpi

Brightness 250 nits or cd/m2 (typical)

Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical) Color gamut 72%

Anti-reflective Viewing angle at 10:1 CR

Stand Bezel width

72%
Anti-reflective, anti-glare
170° horizontal, 160° vertical
Tilt, swivel, pivot, and height adjustable stand
Sides: 0.60" (15.3mm); top: 0.79" (20.0mm);
bottom: 1.10" (28.0mm)
14.46-18.79" H x 19.92" W x 9.50" D;
367.3-477.3mm H x 506mm W x 241.2mm D Dimensions (HxWxD) 20 watts typical, 26 watts maximum, Power supply

<0.5 watts standby/suspend, universal, integrated (no external brick-like power supply) 12.97lb; 5.89kg

Weight 3 year (includes backlight) Limited warranty4 Available date September 2011

VESA-compliant² VESA DDC2B/CI

ENERGY STAR® 5.1 (2572-MB6) ENERGY STAR® 6.0 (2572-MB1) Power management

Ergonomics ISO 9241-307 Emission standards

MPR-2, FCC Class B TCO Displays 5.2, TCO Certified Edge 1.1, WEEE, RoHS, **EPEAT™ Gold rating**, ULE Gold Environmental

Preset resolutions VGA: 640x350, 640x480, 720x400

SVGA: 800x600

XGA: 1024x768, 1152x864 SXGA: 1280x1024

WXGA: 1280x768, 1280x800, 1366x768

WXGA+: 1440x900 1600x900 WSXGA+: 1680x1050

Presets / user settings Standard presets: VGA/DisplayPort: 26; DVI-D: 25;

user settings: 25

Tilt: 30° back, 0° forward; lift: 4.3" (110mm); swivel: +/-45°; detachable stand

Viewing adjustments Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller) Rotating screen On screen display

On screen display with digital user controls (8 languages) Direct access (buttons on front) for automatic image setup, input switch, and brightness

Camera

Multiple input Triple input (three different PCs attach to three different connectors; one PC shows image; select via button)

Monitor connectors

(1) VGA 15-pin D-shell, analog, blue (2) DisplayPort, digital, black, **HDCP-compliant** (3) Digital Visual Interface (DVI-D) for digital attach [white], **HDCP-compliant**

Signal cables (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter

(2) detachable, DVI-D at each end, digital, 1.8 meter

Note: DisplayPort cable is not included; use optional DisplayPort to DisplayPort Monitor Cable (0A36537) Mounting features

Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Ship group Monitor, attached stand, cable cover, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter black power cord

Limited Warranty

3 year limited warranty⁴

Control features USB hub

Security

- International Warranty Service⁵
- Replacement normally arrives in two business days, excluding holidays
- Lenovo pays all shipping costs for valid warranty claims⁶
- Service upgrade options:7
 - 3 year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo Services part number 41C9209)
 - 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)
 - 4 year, mail exchange (51J0589)
 - 5 year, mail exchange (51J0590)
- 24x78 day toll-free support for warranty issues during the warranty period4

Accessories

DisplayPort to DisplayPort Monitor Cable 0A36537 Kensington® MicroSaver® Cable Lock 73P2582 Kensington Twin Head Cable Lock 45K1620 Lenovo Security Cable Lock 57Y4303 ThinkCentre Extend Arm 57Y4352 Lenovo Easy Reach Monitor Stand 55Y9258

See details at www.lenovo.com/support/monitoraccessories

See all monitors at www.lenovo.com/thinkvision

Features

- Widescreen 22-inch monitor
- Supports 1680x1050 resolution
- Ergonomic stand tilts, swivels, pivots and provides a 4.3" (110mm) range height adjustment for comfortable viewing
- Cable Management for better user experience
- Mercury and arsenic free glass
- Recycled content in plastic material
- Privacy Filter Slot
- Microsoft[®] Windows[®] 7 certified
 Model 2572-MB1 supports Lenovo Tiny PC via optional Lenovo bracket



ThinkVision LT2252p Wide Monitor

L2251x Wide Flat Panel Monitor Name Case color **Business black** Type-model 2578-HB6 Panel TFT-LCD, twisted nematic (TN), white LED backlight **22.0"** (**559mm**) diagonal 18.7" x 11.7" / 473.8mm x 296.1mm Viewable image size Max view area (W x H) 1680x1050 at 60Hz Optimum resolution Maximum resolution 1680x1050 at 75Hz (205MHz max pixel rate) Aspect ratio 16:10 Pixel pitch (mm) .282mm Dot/Pixel per Inch 90 dpi Brightness 250 nits or cd/m2 (typical) Contrast ratio 1000:1 (typical) Pixel response time 5ms (typical) Color gamut 68% Anti-reflective Anti-reflective, anti-glare 50 to 75Hz Vertical frequency Horizontal frequency 30 to 83kHz 30 to 83KHZ 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical Tilt, swivel, pivot, and height adjustable stand *Sides*: 0.60" (15.3mm); *top*: 0.79" (20.0mm); *bottom*: 1.10" (28.0mm) 14.97-19.3" H x 19.92" W x 9.50" D; 380.3-490.3mm H x 506mm W x 241.2mm D Viewing angle at 10:1 CR Stand Bezel width Dimensions (HxWxD) 21 watts typical, 28 watts maximum. Power supply <1 watts standby/suspend, universal, integrated (no external brick-like power supply) 12.39 lb; 5.63kg Weight 3 year (includes backlight) Limited warranty4 Available date November 2009 VESA DDC2B/CI, VESA DPMS-compliant ENERGY STAR®3 5.0 VESA-compliant² Power management Ergonomics ISO 9241-307 Emission standards MPR-2. MPR-3A, FCC Class B TCO (TCO Certified Edge), WEEE, RoHS, Environmental **EPEAT™** Gold rating Preset resolutions 640x350, 640x480, 720x400 VGA: SVGA: 800x600

Features

- Widescreen 22-inch monitor with white LED backlight • Ergonomic stand tilts, swivels, pivots and provides a 4.3" (110mm) range height adjustment for comfortable viewing
- Detachable rear stand cable cover and clip to hide cables
- Integrated camera (0.3 megapixel) and microphone
- Integrated ambient light sensor and a proximity sensor, save more energy and make viewing more comfortable
- Low halogen, mercury free, and arsenic free glass, 92% recycled packaging materials

 • Privacy Filter Slot
- Microsoft® Windows® 7 certified



XGA: 1024x768,1152x864 SXGA: 1280x1024 1440x900 WXGA+: UXGA: 1600x1000 WSXGA+: 1680x1050 ThinkVision L2251x Wide Monitor Presets / user settings Standard presets: 24; user settings: 20 Viewing adjustments Tilt: 30° back, 0° forward; lift: 4.3" (110mm); swivel: +/-45°; detachable stand Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller) Rotating screen On screen display On screen display with digital user controls (8 languages) Control features Direct access (buttons on front) for automatic image setup USB 2.0 Hub (1 port into PC, 3 ports for accessories) USB hub Integrated camera (0.3 megapixel) and microphone

Dual input (two different PCs attach to two different connectors; one PC shows image; select via button) Camera Multiple input (1) VGA 15-pin D-shell, analog, blue (2) DisplayPort, digital, black, **HDCP-compliant** (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter Monitor connectors Signal cables Mounting features Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Security Monitor, attached stand, cable cover, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DisplayPort cable, 1.8 meter USB cable, Ship group 1.8 meter black power cord

Accessories **Limited Warranty** 3 year limited warranty⁴ Kensington® MicroSaver® Cable Lock 73P2582 Kensington Twin Head Cable Lock International Warranty Service⁵ 45K1620 Lenovo Easy Reach Monitor Stand 55Y9258 Replacement normally arrives in two business days, excluding holidays Lenovo pays all shipping costs for valid warranty claims⁶ Service upgrade options:7 • 3 year, on site exchange, Mon-Fri 9-5 with next day response See details at www.lenovo.com/support/monitoraccessories (Lenovo Services part number 41C9209) • 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233) • 4 year, mail exchange (51J0589) See all monitors at www.lenovo.com/thinkvision • 5 year, mail exchange (51J0590) 24x78 day toll-free support for warranty issues during the warranty period4

LT2323p Wide Flat Panel Monitor Name Case color Raven black Type-model 3024-HC1 Panel

TFT-LCD, twisted nematic (TN), White LED backlight **23.0"** (**584mm**) diagonal 18.65" x 11.66" / 473.8mm x 296.1mm Viewable image size

Max view area (W x H) 1920x1080 Optimum resolution Aspect ratio 16:9

Pixel pitch (mm) .265mm Dot/Pixel per Inch 96 dpi Brightness

250 nits or cd/m2 (typical) Contrast ratio 1000:1 (typical)

5ms (typical) Pixel response time Color gamut Anti-reflective Anti-reflective, anti-glare

Vertical frequency 50 to 75Hz Horizontal frequency 30 to 83kHz

Viewing angle at 10:1 CR 170° (+/- 85°) horizontal, 160° (+/- 80°) vertical Stand Tilt, swivel, pivot, and height adjustable stand (tooless

detachable)

Sides: 0.68" (17.2mm); top: 0.70" (17.7mm); bottom: 0.94" (24.0mm) 14.66" H x 21.49" W x 2.06" D; (excluding stand) 372.3mm H x 546.0mm W x 52.3mm D Bezel width

Dimensions (HxWxD)

Power supply 20 watts typical, 38 watts maximum,

<0.5 watts standby/suspend, universal, integrated (no external brick-like power supply)

12.65 lb; 5.74kg (excluding stand) Weight Limited warranty4 3 year (includes backlight)

May 2012 Available date

VESA-compliant² VESA DDC2B/CI, VESA DPMS-compliant

Power management ENERGY STAR®3 6.0 DRAFT

Ergonomics ISO 9241-307 Emission standards

MPR-2, FCC Class B TCO (TCO Certified Edge 1.1), WEEE, RoHS, Environmental **EPEAT™** Gold rating

Preset resolutions VGA: 640x350, 640x480, 720x400

SVGA: 800x600

1024x768, 1152x864 XGA: SXGA: 1280x1024

WXGA: 1280x768, 1360x768

WXGA+: 1440x900 WSXGA+: 1680x1050

1920x1080

Presets / user settings Presets: 26; user settings: 25

Full HD:

Tilt: 30° back, -5° forward; lift: 4.3" (110mm); swivel: +/-45°; detachable stand Viewing adjustments

Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller, Rotating screen

do not support image rotation under dual image modes) On screen display with digital user controls (8 languages)

On screen display Control features

USB hub

Direct access (buttons on front) for automatic image setup, input switch, and brightness
USB 2.0 Hub (1 port into PC, 4 ports for accessories)
Triple input (three different PCs attach to three different connectors; one PC shows image; select via button) Multiple input

Monitor connectors

Triple input (three different PCs attach to three different confidences, (1) VGA 15-pin D-shell, analog, blue (2) DisplayPort, digital, black, HDCP-compliant (3) Digital Visual Interface (DVI-D), digital, white, HDCP-compliant (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DVI-D at each end, digital, 1.8 meter Signal cables

Note: DisplayPort cable is not included; use optional DisplayPort to DisplayPort Monitor Cable (0A36537)
Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount) Mounting features

Security keyhole for attachment of optional cable lock (Kensington® lock-compatible)

Monitor, tooless detachable stand, Quick start and safety poster, CD with multilingual User's Guide, setup test pattern, and monitor installation files, analog signal cable, DVI-D cable, 1.8 meter USB cable, 1.8 meter black power cord Ship group

Limited Warranty

3 year limited warranty⁴

Security

- International Warranty Service⁵
- Replacement normally arrives in two business days, excluding holidays
- Lenovo pays all shipping costs for valid warranty claims⁶
- Service upgrade options:
 - 3 year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo Services part number 41C9209)
 - 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)
 - 4 year, mail exchange (51J0589)
 - 5 year, mail exchange (51J0590)
- 24x78 day toll-free support for warranty issues during the warranty period4

Features

- · Widescreen 23-inch monitor • 1080p full HD support, HDCP-compliant
- Built-in VGA, DVI and DisplayPort connectors for attachment to three systems concurrently
- Ergonomic stand tilts, swivels, pivots and provides a 4.3" (110mm) range height adjustment for comfortable viewing Compliance with ENERGY STAR 6.0 DRAFT
- Microsoft® Windows® 7 certified





ThinkVision LT2323p Wide Monitor

Accessories

Lenovo DisplayPort to DisplayPort Monitor Cable 0A36537 Kensington® MicroSaver® Cable Lock Kensington Twin Head Cable Lock 73P2582 45K1620 Lenovo Security Cable Lock 57Y4303 Lenovo Easy Reach Monitor Stand ThinkCentre Extend Arm 55Y9258 57Y4352

See details at www.lenovo.com/support/monitoraccessories

LT2323z Wide Flat Panel Monitor Name Case color Raven black Type-model 3028-LB2 Panel TFT-LCD, In-Plane Switching (IPS), White LED backlight

23.0" (**584mm**) diagonal 20.05" x 11.28" / 509.2mm x 286.4mm **1920x1080** Max view area (W x H) Optimum resolution

Aspect ratio 16:9 Pixel pitch (mm) .265mm Dot/Pixel per Inch 96 dpi

Viewable image size

Brightness 250 nits or cd/m2 (typical) Contrast ratio 1000:1 (typical) Pixel response time 7ms (typical) Color gamut 72%

Anti-glare 50 to 75Hz Anti-reflective Vertical frequency Horizontal frequency Viewing angle at 10:1 CR VGA: 30 to 81kHz; DP: 30 to 75kHz

178° (+/- 89°) horizontal, 178° (+/- 89°) vertical
Tilt, swivel, pivot, and height adjustable stand (tooless Stand

Bezel width

Dimensions (HxWxD)

Tilt, swivel, pivot, and height adjustable stand (to detachable)

Sides: 0.68" (17.3mm);
top: 1.15" (29.1mm);
bottom: 2.76" (70.1mm)

15.24" H x 21.47" W x 2.22" D; (excluding stand)
387.2mm H x 545.3mm W x 56.4mm D

25 watts typical, 40 watts maximum,
<0.5 watts standby/suspend, universal, integrated (no external brick-like power supply)
13.71 lb: 6.22ka (excluding stand) Power supply

13.71 lb; 6.22kg (excluding stand)

3 year (includes backlight)

Weight Limited warranty4

Available date June 2012

VESA-compliant² VESA DDC2B/CI, VESA DPMS-compliant

Power management ENERGY STAR®3 6.0 DRAFT Ergonomics ISO 9241-307

Emission standards

MPR-2, FCC Class B TCO (TCO Certified Edge 1.1), WEEE, RoHS, Environmental **EPEAT™** Gold rating

Preset resolutions VGA: 640x350, 640x480, 720x400

SVGA: 800x600

1024x768, 1152x864 XGA: SXGA: 1280x1024

WXGA: 1280x768, 1360x768 WXGA+: 1440x900

WSXGA+: 1600x1050 UXGA: 1600x1200 Full HD: 1920x1080

Presets / user settings Presets: 26; user settings: 20

Features

- Widescreen 23-inch IPS monitor
- 1080p full HD support, HDCP-compliant
 Built-in VGA and DisplayPort connectors for attachment to
- two systems concurrently
- Integrated camera (HD) and dual digital microphone
- Integrated USB 3.0 Hub
- Ergonomic stand tilts, swivels, pivots and provides a 4.3"
 (110mm) range height adjustment for comfortable viewing
 Compliance with ENERGY STAR 6.0 DRAFT
- · Ambient light sensor to automatically adjust the backlight
- Microsoft® Lync™ certified VoIP monitor
 EPEAT Gold certified



ThinkVision LT2323z Wide Monitor

Viewing adjustments

Tilt: 30° back, -5° forward; lift: 4.3" (110mm); swivel: +/-45°; detachable stand

Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller, Rotating screen

do not support image rotation under dual image modes) On screen display with digital user controls (8 languages) On screen display Control features USB hub

On screen display with digital user controls (8 languages)
Direct access (buttons on front and side) for MIC mute, speaker mute, hook switch and volume +/- buttons USB 3.0 Hub: 1 port into PC; 5 ports for accessories (3 USB 3.0 + 2 USB 2.0)
Integrated digital speakers (3 watts x 2)
Integrated camera (HD) and digital dual microphone array, with Camera lock button for security
Dual input (two different PCs attach to two different connectors; one PC shows image; select via button)
(1) VGA 15-pin D-shell, analog, blue
(2) DisplayPort, digital, black, HDCP-compliant
(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter
(2) detachable, DisplayPort at each end, digital, 1.8 meter
Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100n)

Multimedia

Camera

Multiple input

Monitor connectors

Signal cables

Mounting features

Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Security

Monitor, tooless detachable stand, Quick start and safety poster, CD with multilingual User's Guide, setup test pattern, and installation files, analog signal cable, DisplayPort cable, 1.8 meter USB 3.0 cable, 1.8 meter black power cord Ship group

Limited Warranty

- 3 year limited warranty⁴
- Replacement normally arrives in two business days, excluding holidays
- Lenovo pays all shipping costs for valid warranty claims
- Service upgrade options:7
 - 3 year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo Services part number 41C9209)
 - 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)
 - 4 year, mail exchange (51J0589)
 - 5 year, mail exchange (51J0590)
- 24x78 day toll-free support for warranty issues during the warranty period

Accessories

Kensington® MicroSaver® Cable Lock 73P2582 Kensington Twin Head Cable Lock 45K1620 Lenovo Security Cable Lock 57Y4303 Lenovo Easy Reach Monitor Stand 55Y9258 ThinkCentre Extend Arm 57Y4352

See details at www.lenovo.com/support/monitoraccessories

Name LT2452p Wide Flat Panel Monitor Case color Business black 4420-MB2 / 60A6MAR2US Type-model Panel TFT-LCD, e-IPS, White LED backlight 24" (610mm) diagonal Viewable image size 20.4" x 12.8" (518.4mm x 324.0mm) Max view area (W x H) Optimum resolution 1920x1200 Max pixel rate 202.5MHz Aspect ratio 16:10 Pixel pitch (mm) 0.270mm Dot/Pixel per Inch 94 dpi Brightness 300 nits or cd/m2 (typical) Contrast ratio 1000:1 (typical) 7ms (GtG) Pixel response time Color gamut 72% 72%
Anti-reflective, anti-glare
178° horizontal, 178° vertical
Tilt, swivel, pivot, and height adjustable stand
Sides: 0.78" (19.9mm); top: 0.78" (19.9mm);
bottom: 1.12" (28.4mm)
15.54-19.87" H x 22" W x 10.13" D;
394.8-504.8mm H x 559.6mm W x 257.3mm D Anti-reflective Viewing angle at 10:1 CR Stand Bezel width Dimensions (HxWxD) 30 watts typical (w/o USB hub), Power supply 40 watts maximum (w/o USB hub), <0.5 watts standby/suspend (w/o USB hub), universal, integrated (no external brick-like power supply) Weight Limited warranty⁴ 14.70 lb; 6.67kg 3 year (includes backlight) September 2011 / April 2013 Available date VESA-compliant² VESA DDC2B/CI ENERGY STAR^{®3} 5.1 (4420-MB2) ENERGY STAR^{®3} 6.0 (60A6MAR2US) Power management Ergonomics ISO 9241-307 Emission standards MPR-2, FCC Class B TCO Displays 5.2 (4420-MB2), TCO Displays 6.0 (60A6MAR2US), TCO Certified Edge 1.1, WEEE, RoHS, **EPEAT™ Gold rating**, ULE Gold Environmental Preset resolutions VGA: 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768.1152x864 SXGA: 1280x1024 WXGA: WXGA+: 1280x768, 1280x800, 1366x768 1440x900 UXGA: 1600x1200 WSXGA+: 1680x1050 Full HD: 1920x1080 WUXGA: 1920x1200 Presets / user settings Standard presets: 30; User settings: 20

Features

- Widescreen 24-inch monitor
- Supports 1920x1200 resolution
- High Definition (HD) ready; supports 1080p video
- Ergonomic stand tilts, swivels, pivots and provides a 4.3" (110mm) range height adjustment for comfortable viewing
- Cable Management for better user experience

- Carrying handle
 Recycled content in plastic material
 Microsoft® Windows® 8 certified
 PVC/Arsenic/Lead/Mercury free (60A6MAR2US)



ThinkVision LT2452p Wide Monitor

Tilt: 30° back, 0° forward; lift: 4.3" (110mm); swivel: +/-45°; detachable stand

Viewing adjustments Rotating screen On screen display Control features USB hub Multiple input Monitor connectors

Signal cables

Screen pivots 90 degrees from landscape to portrait (requires image rotation support from graphics controller)

On screen display with digital user controls (8 languages)

Direct access (buttons on front) for automatic image setup, input switch, and brightness

USB 2.0 Hub (1 port into PC, 4 ports for accessories)
Triple input (three different PCs attach to three different connectors; one PC shows image; select via button)

(1) VGA 15-pin D-shell, analog, blue
(2) DisplayPort, digital, black, **HDCP-compliant**(3) Digital Visual Interface (DVI-D), digital, white, **HDCP-compliant**(1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter

(2) detachable, DVI-D at each end, digital, 1.8 meter

Note: DisplayPort cable is not included; use optional DisplayPort to DisplayPort Monitor Cable (0A36537)

Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount) Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Mounting features Security

Ship group Monitor, attached stand, cable cover, Setup poster, Safety and Warranty Information, CD with multilingual User's Guide and monitor installation files, 1.8 meter analog signal cable, 1.8 meter DVI-D cable, 1.8 meter USB cable,

1.8 meter black power cord

Limited Warranty

- 3 year limited warranty⁴
- International Warranty Service⁵ Replacement normally arrives in two business days, excluding holidays
- Lenovo pays all shipping costs for valid warranty claims⁶
- Service upgrade options:
 - 3 year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo Services part number 41C9209)
 - 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)
 - 4 year, mail exchange (51J0589)
 - 5 year, mail exchange (51J0590)
- 24x78 day toll-free support for warranty issues during the warranty period4

Accessories

DisplayPort to DisplayPort Monitor Cable	0A36537
Kensington MicroSaver Cable Lock	73P2582
Kensington Twin Head Cable Lock	45K1620
Lenovo Security Cable Lock	57Y4303
ThinkCentre Extend Arm	57Y4352
Lenovo Easy Reach Monitor Stand	55Y9258

See details at www.lenovo.com/support/monitoraccessories

LT3053p Wide Flat Panel Monitor Name Case color Business black Type-model 60A4RAR1US TFT-LCD, AH-IPS, White LED backlight Panel **30"** (**762mm**) diagonal 25.2" x 15.8" (641.3mm x 400.8mm) Viewable image size Max view area (W x H) Optimum resolution 2560x1600 Max pixel rate 205MHz Aspect ratio 16:10 Pixel pitch (mm) 0.251mm Dot/Pixel per Inch 101 dpi Brightness 350 nits or cd/m2 (typical) 1000:1 (typical) 6ms (Grey To Grey average) Contrast ratio Pixel response time 99% (Adobe RGB) 178° horizontal, 178° vertical Color gamut Viewing angle at 10:1 CR Tilt, swivel, pivot, and height adjustable stand Sides: 0.91" (23.1mm); top: 0.91" (23.2mm); bottom: 0.91" (23.1mm) 17.69" H x 27.17" W x 2.44" D; Stand Bezel width **Dimensions** 449.3mm H x 690mm W x 62mm D 18.55" H x 27.17" W x 9.51" D; (HxWxD, excluding stand) Dimensions 471.1mm H x 690mm W x 241.5mm D (HxWxD, including stand) 471.111111 A X 99011111 W X 241.511111 88 watts typical (w/o USB hub), 130 watts maximum (w/o USB hub), <1.2 watts sleep/off (w/o USB hub); <0.5 watts switch off (w/o USB hub) Power supply integrated (no external brick-like power supply) 25.35 lb; 11.5kg (including stand and shading hood) Weight Limited warranty4 3 year (includes backlight) Available date March 2013 VESA-compliant² VESA DDC2B/CI ENERGY STAR®3 6.0 ISO 9241-307 Power management Ergonomics Emission standards FCC Class B TCO Displays 6.0, TCO Certified Edge 1.2, RoHS, **EPEAT™ Gold rating**, ULE Gold Environmental Preset resolutions 640x350, 640x480, 720x400 SVGA: 800x600 XGA: 1024x768,1152x864 SXGA: 1280x1024 WXGA: 1280x720, 1280x768, 1280x800, 1360x768 WXGA+: 1440x900, 1600x900 WSXGA+:1680x1050 Full HD: 1920x1080 WUXGA: 1920x1200

Features

- Widescreen 30-inch monitor
- Supports 2560x1600 resolution
- PiP(Picture in Picture) Anywhere Solution (software)
- 5-Ports USB hub, support USB 3.0 and USB 2.0
 Support VGA, DVI, HDMI, DisplayPort and MHL
- Support DaisyChain
- Ergonomic stand tilts, swivels, pivots and provides a 4.3" (110mm) range height adjustment for comfortable viewing
- Bundled Professional Hood
- Support Lenovo Tiny PC and 3rd party thin client via optional Lenovo bracket
- Arsenic/Lead/Mercury free
 Microsoft® Windows® 7 certified
 Microsoft Windows 8 certified



ThinkVision LT3053p Wide Monitor

Presets / user settings Standard presets: 21; user settings: 20 Tilt: 30° back, -5° forward; lift: 4.3" (110mm); swivel: +/-45°; detachable stand Viewing adjustments Screen pivots 90 degrees from landscape to portrait Rotating screen On screen display On screen display with digital user controls (8 languages) Control features Direct access (buttons on front) for automatic image setup, input switch, and brightness USB Hub (1 USB 3.0 w/Battery charger, 2 USB 3.0, 2 USB 2.0)
Support VGA, DVI-D, HDMI, DisplayPort, MHL connections (Mobile High-definition Link) USB hub Multiple input Support VGA, DVI-D, HDMI, DISPIAYPORT, MIHL CONNECTIONS (MODIES (1) VGA 15-pin D-shell, analog, blue (2) DisplayPort (1.2), digital, black, **HDCP-compliant** (3) Digital Visual Interface (DVI-D), digital, white, **HDCP-compliant** (4) HDMI (1.4), digital, **HDCP-compliant** (1) detachable, VGA 15-pin D-shell at each end, analog, 1.8 meter (2) detachable, DisplayPort at each end, digital, 1.8 meter (3) detachable, DVI-D at each end, digital, 1.8 meter Monitor connectors Signal cables Note: HDMI cable is not included Wall or desk mounting using the Extend Arm or third-party accessories meeting the VESA FPMPMI® (100mm mount) Mounting features Security keyhole for attachment of optional cable lock (Kensington® lock-compatible) Security Ship group Monitor, tooless detachable stand, shading hood, Quick start and safety poster, CD with multilingual User's Guide, setup test pattern, Picture In Picture Anywhere installation files and user guide, 1.8 meter analog signal cable, 1.8 meter DisplayPort cable, 1.8 meter DVI-D cable, 1.8 meter USB 3.0 cable, 1.8 meter USB 2.0 cable,

640x1600, 1280x1600, 1920x1600,

1.8 meter black power cord **Limited Warranty**

WQXGA: 2560x1600

other:

3 year limited warranty⁴

- International Warranty Service⁵
- Replacement normally arrives in two business days, excluding holidays
- Lenovo pays all shipping costs for valid warranty claims⁶
- Service upgrade options:7
 - 3 year, on site exchange, Mon-Fri 9-5 with next day response (Lenovo Services part number 41C9209)
 - 4 year, on site exchange, Mon-Fri 9-5 with next day response (41C9233)
 - 4 year, mail exchange (51J0589)
 - 5 year, mail exchange (51J0590)
- 24x78 day toll-free support for warranty issues during the warranty period

Accessories

Kensington MicroSaver Cable Lock 73P2582 Kensington Twin Head Cable Lock 45K1620 Lenovo Security Cable Lock 57Y4303 ThinkCentre Extend Arm 57Y4352 Lenovo Easy Reach Monitor Stand 55Y9258

See details at www.lenovo.com/support/monitoraccessories

lenovo







Kensington® MicroSaver® Cable Lock from Lenovo (73P2582) Kensington Twin Head Cable Lock from Lenovo (45K1620) Lenovo Security Cable Lock (57Y4303)



Lenovo USB Soundbar (0A36190)



Lenovo Easy Reach Monitor Stand (55Y9258)



ThinkCentre Extend Arm (57Y4352)

lenovo



Lenovo USB-to-DVI Monitor Adapter (45K5296)



Lenovo DisplayPort to VGA Monitor Cable (57Y4393)

Lenovo DisplayPort to Single-link DVI-D Monitor Cable (45J7915)

Lenovo Mini-DisplayPort to VGA Monitor Cable (0A36536)

Lenovo DisplayPort to DisplayPort Monitor Cable (0A36537)

Lenovo® Monitor Accessories

Monitor Accessories⁴⁶ (all part numbers listed are US option P/N)
Lenovo USB-to-DVI Monitor Adapter **
Lenovo DisplayPort to VGA Monitor Cable **
DisplayPort to Single-link DVI-D Cable **
S7Y4393 ann 08/04/09
45J7915 ann 08/05/08
Lenovo Mini-DisplayPort to VGA Monitor Cable **
Supports a maximum 1920 x 1200 monitor resolution.
Lenovo DisplayPort to DisplayPort Monitor Cable**
OA36536 ann 05/17/11
***Hardware requirement:
All Lenovo systems and monitors with
DisplayPort 1 1a or 1 2 interface 45K5296 ann 05/12/09 57Y4393 ann 08/04/09 45J7915 ann 08/05/08

DisplayPort 1.1a or 1.2 interface.

Lenovo USB Soundbar Kensington® MicroSaver® Cable Lock Kensington Twin Head Cable Lock Lenovo Security Cable Lock Lenovo Easy Reach Monitor Stand ThinkCentre Extend Arm

0A36190 ann 05/01/12 73P2582 ann 12/29/03 45K1620 ann 09/30/08 57Y4303 ann 08/24/10 55Y9258 ann 09/22/09 57Y4352 ann 07/06/10

⁴⁶Compatible on selected Lenovo and ThinkVision monitors.

Com	patibility	matrix

USB-to-DVI	DisplayPort	DisplayPort	t Mini-Display-	DisplayPort to	Lenovo	MicroSaver	Twin Head	Security	Easy Reach	Extend
Adapter	to VGA	to DVI-D	Port to VGA	DisplayPort	USB	Cable	Cable	Cable	Monitor	Arm
•	Cable	Cable	Monitor Cable	Monitor Cable	Soundbar	Lock	Lock	Lock	Stand	
(45K5296)	(57Y4393)	(45J7915)	(0A36536)	(0A36537)	(0A36190)	(73P2582)	(45K1620)	(57Y4303)	(55Y9258)	(57Y4352)

	LT1421							73P2582	45K1620	57Y4303		
	L1711p	45K5296	57Y4393	45J7915	0A36536		0A36190	73P2582	45K1620	57Y4303	55Y9258	57Y4352
	D186		57Y4393		0A36536			73P2582	45K1620	57Y4303	55Y9258	57Y4352
	L197	45K5296	57Y4393	45J7915	0A36536			73P2582	45K1620	57Y4303	55Y9258	57Y4352
	L1900p	45K5296	57Y4393	45J7915	0A36536		0A36190	73P2582	45K1620	57Y4303	55Y9258	57Y4352
≫<	L1951p	45K5296	57Y4393	45J7915	0A36536		0A36190	73P2582	45K1620	57Y4303	55Y9258	57Y4352
	LT1952p	45K5296	57Y4393	45J7915	0A36536	0A36537	0A36190	73P2582	45K1620	57Y4303	55Y9258	57Y4352
≫<	L2021	45K5296	57Y4393	45J7915	0A36536		0A36190	73P2582	45K1620	57Y4303	55Y9258	57Y4352
≻<	LS2221				0A36536			73P2582	45K1620	57Y4303	55Y9258	57Y4352
	L2250p	45K5296	57Y4393	45J7915	0A36536		0A36190	73P2582	45K1620	57Y4303	55Y9258	57Y4352
><	L2251p	45K5296	57Y4393		0A36536	0A36537	0A36190	73P2582	45K1620	57Y4303	55Y9258	57Y4352
	LT2252p	45K5296	57Y4393	45J7915	0A36536	0A36537	0A36190	73P2582	45K1620	57Y4303	55Y9258	57Y4352
	L2251x	45K5296	57Y4393		0A36536	0A36537	0A36190	73P2582	45K1620	57Y4303	55Y9258	57Y4352
≻<	L2321x	45K5296	57Y4393		0A36536	0A36537	0A36190	73P2582	45K1620	57Y4303	55Y9258	57Y4352
><	LS2421p				0A36536	0A36537		73P2582	45K1620	57Y4303	55Y9258	57Y4352
><	L2440p	45K5296	57Y4393	45J7915	0A36536		0A36190	73P2582	45K1620	57Y4303	55Y9258	57Y4352
	LT2452p	45K5296	57Y4393	45J7915	0A36536	0A36537	0A36190	73P2582	45K1620	57Y4303	55Y9258	57Y4352
	LS1922		57Y4393		0A36536			73P2582	45K1620	57Y4303	55Y9258	57Y4352
	LT2323p	45K5296	57Y4393	45J7915	0A36536	0A36537	0A36190	73P2582	45K1620	57Y4303	55Y9258	57Y4352
	•											

_	10101							.=			
><	L2461x		57Y4393		0A36536		73P2582	45K1620	57Y4303	55Y9258	57Y4352
><	L151	45K5296	57Y4393				73P2582	45K1620		55Y9258	
≫<	L151p	45K5296	57Y4393	45J7915			73P2582	45K1620		55Y9258	
≫<	L171	45K5296	57Y4393				73P2582	45K1620		55Y9258	
≫<	L171p	45K5296	57Y4393	45J7915			73P2582	45K1620		55Y9258	
≫<	L172	45K5296	57Y4393				73P2582	45K1620		55Y9258	
≫<	L174	45K5296	57Y4393	45J7915			73P2582	45K1620		55Y9258	
≫<	L1700p	45K5296	57Y4393	45J7915			73P2582	45K1620		55Y9258	
≫ <	D185	45K5296	57Y4393	45J7915			73P2582	45K1620		55Y9258	
≫<	L190x	45K5296	57Y4393	45J7915			73P2582	45K1620		55Y9258	
≫<	L191	45K5296	57Y4393				73P2582	45K1620		55Y9258	
><	L192p	45K5296	57Y4393	45J7915			73P2582	45K1620		55Y9258	
><	L193p	45K5296	57Y4393	45J7915			73P2582	45K1620		55Y9258	
><	L194	45K5296	57Y4393	45J7915			73P2582	45K1620		55Y9258	
><	L1940p	45K5296	57Y4393	45J7915			73P2582	45K1620		55Y9258	
><	L200p	45K5296	57Y4393	45J7915			73P2582	45K1620		55Y9258	
><	L201p	45K5296	57Y4393	45J7915			73P2582	45K1620		55Y9258	
><	L2060	45K5296	57Y4393	45J7915			73P2582	45K1620	57Y4303	55Y9258	57Y4352
><	L215	45K5296	57Y4393	45J7915			73P2582	45K1620		55Y9258	
><	L215p	45K5296	57Y4393				73P2582	45K1620		55Y9258	
><	L220x	45K5296	57Y4393				73P2582	45K1620		55Y9258	
≫<	L2230x	45K5296	57Y4393		-	0A36190	73P2582	45K1620	57Y4303	55Y9258	57Y4352
><	L2240p	45K5296	57Y4393	45J7915			73P2582	45K1620		55Y9258	
><	L2440x	45K5296	57Y4393	45J7915		0A36190	73P2582	45K1620		55Y9258	

Monitors withdrawn from marketing.

More information at www.lenovo.com/support/monitoraccessories

Other accessories at www.lenovo.com/accessories

Accessories Guide pdf at www.lenovo.com/accessoriesguide

Availability: All offers subject to availability. Lenovo reserves the right to alter product offerings and specifications at any time, without notice. Lenovo is not responsible for photographic or typographic errors.

Warranty: For a copy of applicable product warranties, go to: http://support. lenovo.com/en_US/product-service/warranty-status/WarrantyPolicies.page. Lenovo makes no representation or warranty regarding third party products or services.

- ¹ ISO-compliant: Compliance with ISO 9241 Part 3, ISO Part 7, ISO Part 8, and/or ISO 13406 Part 2 is dependent on a complete ISO-capable platform of a system unit, monitor, video subsystem, operating system and fonts.
- VESA: Requires attachment to suitably configured system with similarly enabled operating system.
- ³ ENERGY STAR: As an ENERGY STAR partner, Lenovo has determined that this product meets the ENERGY STAR 4.0 or 4.1 guidelines for energy efficiency. Requires attachment to suitably configured system.
- Limited warranty: Support unrelated to a warranty issue may be subject to additional charges.
- International Warranty Service is available in any country in which this product is sold and serviced. Service delivery methods and parts availability vary by country, may be different from that in the country of purchase, and are subject to change without notice. Fees and restrictions may apply in some countries.
- 6 Lenovo pays all shipping costs for warranty repairs during limited warranty period.

- ⁷ Lenovo Services: These services are available for machines normally used for business, professional, or trade purposes, rather than personal, family, or household purposes. Not all machine types and models are covered. Service period begins with the equipment date of purchase. Service must be purchased during the original limited product warranty period. Service levels are response time objectives and are not guarantees. If the machine problem turns out to be a Customer Replaceable Unit (CRU), a part will be express shipped to you for quick replacement. Onsite 24x7x2-hour service is not available in all locations. P&L means parts and labor. P/U means pick-up. See terms and conditions for complete details and restrictions.
- 8 Telephone support may be subject to additional charges, even during the limited warranty period. Response times may vary. May exclude some holidays. If a machine is listed as having "On-site service for select repairs", this means that onsite service is available only for the replacement of select parts. For all other warranty repairs, Lenovo will provide the customer a replacement part for customer installation. The parts for which onsite service is available varies by machine, but may include the processor, power supply, heat sink, system board, or base cover. For machines with EasyServ or Courier service, Lenovo will attempt to diagnose and resolve the problem remotely before sending a courier.
- TAA: Monitor is compliant with the U.S. Federal Government's country-of-origin requirements prescribed in 48 C.F.R. Subpart 25.4; Trade Act Agreement (TAA) model.
- Post-warranty annual maintenance agreement: Service begins at the end of the base warranty or the end of any other applied warranty and maintenance option, whichever occurs last. Service delivery is not available the same day the maintenance agreement is purchased. Maintenance agreements must be purchased and the registration successfully completed prior to the service being available.
- ¹² Halogen: Less than 900 Parts Per Million. Low halogen is defined in accordance with IPC-401B and draft IPC-J-STD 709 Class 1 requirements.



Trademarks: Lenovo, the Lenovo logo, New World. New Thinking., Access Connections, Rescue and Recovery, Think-Centre, ThinkPad, ThinkStation, ThinkVantage, and ThinkVision are trademarks of Lenovo. Microsoft, Windows, and Vista are registered trademarks of Microsoft Corporation. Other company, product, or service names may be trademarks or service marks of others.

This publication was developed for products and services offered in the United States. Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area.

Lenovo reserves the right to alter specifications and other product information at any time without prior notice. Lenovo is not responsible for photographic or typographical errors. LENOVO PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANT-ABILITY OR FITNESS FOR A PARTICU-LAR PURPOSE. Some jurisdictions do not allow disclaimer of express or implied warranties in certain transactions; therefore this disclaimer may not apply to you. This publication was developed in the US

Visit www.lenovo.com/safecomputing periodically for the latest information on safe and effective computing.

Visit www.lenovo.com/psref for the latest version of Personal Systems Reference.

© Lenovo, 2013. All rights reserved.

> Lenovo 1009 Think Place Morrisville, NC 27560 U.S.A.

April 2013 mbook.pdf