HP Series 7 Pro 31.5 inch 4K Thunderbolt 4 Monitor – 732pk (8Y2K9AA)

Overview

The power to make it real

See ultimate potential before it's real with the ultra-powerful and stunningly precise, HP Series 7 Pro 31.5" 4K Thunderbolt 4 Monitor. Powered by the impressive capabilities of Thunderbolt™ 4, experience your creations in tangible, lifelike detail with IPS Black technology and 4K UHD resolution.[1]

Color that rivals reality

View every detail as if it's true-to-life with captivating color contrast on this precise 31.5" 4K monitor. Through the cutting-edge IPS Black panel, dive into deeper shadows and richer hues with twice the contrast of a traditional IPS panel. Combined with VESA DisplayHDR™ 400, wide 98% Display P3 color gamut, and superb color accuracy[1], what you see on screen rivals reality.

Seamless control

Designed with intelligent controls, this display gets you working quickly and multi-tasking efficiently. Instantly wake your display and PC with Single Power On[4]. And when you're multi-tasking between two devices, simply use the built-in KVM switch to control both with just a single keyboard and mouse.[5]

Unleash the power of Thunderbolt™ 4

Transform your desk into a productivity powerhouse with this Thunderbolt™ 4 monitor.[2] Through a single cable, drive 4K resolution at 60 Hz, daisy chaining support for a second 4K monitor, as well as high-speed data and internet[3]—all while charging your device at up to 100W—without slowing you down.

Our commitment to the planet

A better choice in an innovative solution, this HP Series 7 Pro Monitor is designed using 85% post-consumer recycled materials and 5% ocean-bound plastics[6] with 90% recycled aluminum in the stand. With 100% sustainably sourced packaging[7] and a TCO certified, EPEAT® Registered, and ENERGY STAR® Certified design[8], you can be confident knowing you have a monitor that does good things for the planet while doing amazing things for you.

Features

IPS Black

Stunning colors from any angle thanks to the 2,000:1 contrast ratio and ultra-wide viewing angles.[1]

4K UHD Resolution

Get lost in the captivating definition and expanded view of 4K resolution.

31.5-inch Diagonal Screen

Dive in and accomplish more on a massive 31.5-inch diagonal screen framed by a 4-sided, virtually borderless bezel.

VESA DisplayHDR™ 400

Replicate reality on your screen and enjoy watching HDR media with enhanced contrast.

Wide Color Gamuts

100% sRGB for ideal color reproduction and 98% Display P3 for deeper, lifelike hues.[1]

Colors Calibrated to Perfection

Every HP Series 7 Pro Monitor undergoes strict factory color calibration to assure that over 400 colors achieve a Delta E of less than 2, making any color difference virtually indistinguishable to the human eye for superb color accuracy.

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[1] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary, either higher or lower.

[2] For full Thunderbolt™ 4 functionality, host PC must support Thunderbolt™ 4.

[3] Display supports 1Gb ethernet speed. Host PC requires infrastructure to support 1 Gb ethernet speeds.

[4] Single Power On only compatible with HP PCs with Windows 10 or higher.

[5] For KVM compatibility, if connected PCs do not have USB-C® port, user will need a USB-C® to A cable. Sold separately.

[6] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT® standard. Plastics consist of 90% Post-Consumer Recycled, with 85% post-consumer recycled plastics + 5% Ocean-Bound Plastics (PET).

[7] 100% outer box/corrugate cushion packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Any plastic cushions are made from >90% recycled plastic. Excludes plastic bags and plastic foam sheeting.

[8] Based on US EPEAT® registration according to IEEE 1680.1-2020 EPEAT®. Status varies by country. Visit www.epeat.net for more information.

Specifications

Display size (diagonal)	31.5"
Panel technology	IPS Black
Display size (diagonal)	80 cm (31.5")
Aspect ratio	16:9[1]
Native resolution	4K UHD (3840 x 2160)[1,2]
Resolutions supported	640 x 480; 720 x 400; 800 x 600; 1024 x 768; 1280 x 720; 1280 x 800; 1280 x 1024; 1440 x 900; 1600 x 900; 1680 x 1050; 1920 x 1080; 1920 x 1200; 2560 x 1440; 3840 x 2160
Pixel pitch	0.18 x 0.18 mm
Brightness	400 nits[1]
Contrast ratio	2000:1[1]
Response time (typical)	5ms GtG (with overdrive)[1]
Minimum dimensions (W x D x H)	71.35 x 4.7 x 41.59 cm *(without stand)*
Minimum dimensions (W x D x H)	28.09 x 1.85 x 16.37 in *(without stand)*
Dimensions With Stand (W x D x H)	71.35 x 21.7 x 60.49 cm
Weight	8.77 kg *(with stand)*
Weight	19.33 lb *(with stand)*
Display features	Single Power ON; Anti-glare; Height Adjust/Tilt/Swivel/Pivot; HP Eye Ease; IPS Black; HDR; KVM switch; Daisy chain; Picture-in-Picture; Picture-by-Picture
Onscreen controls	Brightness+; Color; Image; Input; Power; Menu; Management; Information; Exit
Display colors	Up to 1.07 billion colors supported[3]
Display scan frequency (horizontal)	30-135 kHz[1]
Display scan frequency (vertical)	29-60 Hz[1]
Camera	No integrated camera
Power	100 - 240 VAC 50/60 Hz
Power consumption	205 W (maximum), 48 W (typical), 0.5 W (standby)
Operating temperature range	5 to 35°C
Operating humidity range	20 to 80% RH (non-condensing)

Sustainable impact specifications	Low halogen; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 85% ITE-derived closed loop plastic; Designed with recycled metals; 5% ocean-bound plastic
Certifications and compliances	Australia MEPS; Bauart; CB; CE; CEL; China CCC; China CECP; C-Tick; cTUVus; CU; EAC; EUP Lot-5; EUP Lot-6; FCC; ISO 9241-307; KC (Korean) requirements; KCC (Korean) requirements; Korea MEPS (E-standby); NOM (Mexico); PSB for Singapore; RCM; SEPA eco label (China); S-Mark for Argentina; Taiwan BSMI; VCCI; Vietnam MEPS; EUP Lot-26; California Energy Commission (CEC); South Africa Energy; Mexico Energy; UAE; TUV-GS; NRCS of South Africa; Belarus Energy; India BIS; Cambodia ISC; NRCS; Ukraine EE; South Africa safety; Ukraine CoC; Ukraine DOC; Microsoft WHQL Certification (Windows 11)
Physical security	Security lock-ready[11]
Management Software	HP Display Center; HP Display Manager
UPC number	(A2K) 197498471280; (A2N) 197498471297; (AB0) 197498471303; (AB1) 197498471310; (AB2) 197498471327; (AB4) 197498471334; (ABA) 197498471341; (ABB) 197498471358; (ABG) 197498471365; (ABJ) 4582712372997; (ABT) 197498471372; (ABU) 197498471389; (ABV) 197498471396; (ABY) 197498471402; (ACJ) 197498471419; (ACQ) 197498471426; (AH3) 197498471433; (AKL) 197498471440; (AR6) 197498471457; (UUF) 197498471464; (UUZ) 197498471471
Manufacturer Warranty	HP three-year limited warranty
What's in the box	Monitor; Thunderbolt™ cable; DisplayPort™ cable; HDMI cable; Warranty card; USB Type-A to B cable; Quick Setup Poster; AC power cord; Color calibration report[10]

Additional specifications

Backlight lamp life	30,000 hours
Backlight type	Edge-lit
Base area footprint (imperial)	10.24 x 8.54 in
Base area footprint (metric)	26 x 21.7 cm
Bezel	4-sided micro-edge
Color gamut	100% sRGB; 98% DisplayP3
Count of layers in pallet	4 / 5 (slip sheet)
Country of origin	Made in China
Curvature	Flat
Datasheet photo 1	AHID/603a50a78573f6d609860a58c03f7f3c6ca33bfc
Datasheet photo 3	AHID/52c1a20d15b0da53b58112640c1cda795b6a6391
Datasheet photo 4	AHID/3ce9a76dc380f003659f9df0c2628590c74158d1
Datasheet photo 5	AHID/9f4de0b27f340b5eff572c7ef1695dce33355596
Detachable stand	Yes
Display area (imperial)	27.4 x 15.4 in
Display area (metric)	69.7 x 39.2 cm
Display contrast ratio (dynamic)	10000000:1
DisplayPort™	1 DisplayPort™ 1.4
DisplayPort™ Out	1 DisplayPort™ 1.4-out
Energy star certified	ENERGY STAR® certified
Ethernet	1 RJ-45 (10/100/1000 Mbps)
Flicker-free	Yes
HDCP	Yes, DisplayPort™, HDMI and Thunderbolt™
HDMI	1 HDMI 2.0
HDR	HDR 400
Hardness	3H[1]
Haze	25%
Height adjustment range	150 mm
Horizontal viewing angle	178°
KVM switch	Yes, OSD switch
Low blue light	Yes, HP Eye Ease (TÜV Low Blue Light Hardware Solution certified)
Non-Operating Humidity Range	5 – 95 %
Operating altitude	Up to 5,000 m

Operating altitude	Up to 16,400 ft
Operating temperature range	41 to 95°F
Package dimensions (W x D x H)	81.6 x 18.5 x 50.4 cm
Package dimensions (W x D x H)	32.13 x 7.28 x 19.84 in
Package weight	30.19 lb
Package weight	13.7 kg
Pallet dimensions	44.88 x 32.68 x 84.96 in (20' ft/40' ft); 44.88 x 32.68 x 84.96 in (40' HQ)
Pallet dimensions (W x D x H)	1140 x 830 x 2158 mm (20' ft/40' ft); 1140 x 830 x 2158 mm (40' HQ)
Pallet weight	746.5 lb (20' ft/40' ft); 746.5 lb (40' HQ)
Pallet weight	339.3 kg (20' ft/40' ft); 339.3 kg (40' HQ)
Panel bit depth	10 bit (8 bit + FRC)[1]
Picture-in-Picture, Picture-by-Picture	Yes
Pixels per inch (ppi)	140 ppi[1]
Power supply type	Internal
Product dimensions with stand (W x D x H)	28.09 x 8.54 x 23.81 in
Products per pallet layer	6
Quantity per pallet	24 sets per pallet (40' ft)
Recommended resolution	4K UHD (3840 x 2160 @ 60 Hz)
Refresh rate (maximum)	60 Hz
Remote manageability	Out-of-Band MAC Address Pass Through (MAPT); Out-of-Band Wake on LAN (WoL); PXE Boot
Resolution (maximum)	4K UHD (3840 x 2160 @ 60 Hz)
Screen treatment	Anti-glare
Stand color	Black; Silver
Storage altitude	Up to 12,192 m
Storage altitude	Up to 40,000 ft
Tilt	-5 to +20°
UNSPSC code	43211902
USB Type-A	4 SuperSpeed USB Type-A 5Gbps signaling rate
USB Type-C® video input	1 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (up to 100 W USB Power Delivery, DisplayPort™ 1.4)
Usb b (hub enablement)	1 USB-B
VESA mounting	100 x 100 mm (bracket included)
Vertical viewing angle	178°
Viewable diagonal size	31.5" (80 cm)

pivot	±90°
swivel	±45°

[1] All specifications represent the typical specifications provided by HP's component manufacturers, actual performance may vary either higher or lower.

[2] DisplayPort™ 1.4 or HDMI 2.0 required to drive panel at its native resolution. The video card of the connected PC must be capable of supporting 3840 x 2160 at 60 Hz with 10-bit color using one DisplayPort™, HDMI, or USB-C® (DisplayPort™ alt mode).

[3] Number of colors through A-FRC technology.

[10] Included cables may vary by country.

[11] Lock sold separately.

Accessories

Rack Brackets/Bezels/ Panels/Rails/ Trays/Mounting

★ : Recommended

Mounting Kits

HP B550 PC Mounting Bracket	16U00AA
HP Desktop Mini v4+ VESA Sleeve	99T54AA
HP Quick Release Bracket 2	6KD15AA

Security and Protection

PC Locks

HP Business PC Security Lock v3 Kit	3XJ17AA

Audio/Multimedia and Communication Devices

Speakers

HP Z G3 Conferencing Speaker Bar	32C42AA

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