

ThinkCentre M90a 11JX0007US

Product

ThinkCentre M90a

Region

NA

Country/Region

USA

Machine Type

11JX

TopSeller

TopSeller

Processor

Intel Core i3-10100 (4C / 8T, 3.6 / 4.3GHz, 6MB)

Chipset

Intel Q470 Chipset

Graphics

Integrated Intel UHD Graphics 630

Memory

1x 8GB

Storage

1x 1TB HDD 7200rpm 2.5"

Optane Memory

None

Optical

DVD±RW

Media Reader

3-in-1 Card Reader

Display

23.8" FHD (1920x1080) In-Plane Switching Technology Anti-glare with PrivacyGuard

Touchscreen

None

Microphone

2x, Array

Camera

1080p

Speaker

3Wx2

Ethernet

Integrated 100/1000M

WLAN + Bluetooth

Intel AX201 11ax, 2x2 + BT5.1

Optional Rear Ports

None

Chassis Intrusion Switch

None

Chassis E-Lock

None

Kensington Cable Lock

None

Dust Filter

None

VESA Mount

VESA mount

Carry Handle

None

Color

Black

Stand

Full Function Monitor Stand

Keyboard

USB Traditional Keyboard, Black, English

Mouse

USB Calliope Mouse

Power Supply

170W 89% Adapter

TUV Low Noise

None

Monitor Cable

None

System Management

None

Operating System

Windows 10 Pro 64, English

Bundled Software

None

Base Warranty

3-year, Onsite

Bundled Service

None

EAN / UPC / JAN

195042542103

End of Support

2027-01-04

Announce Date

2020-05-26

Recommended Services**Good**

3Y Premier Support upgrade from 3Y Onsite (5WS0V08537)

Notes:**California Electronic Waste Recycling Fee**

In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: <https://www.calrecycle.ca.gov/Electronics/Consumer>

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ThinkCentre M90a Platform Specifications



Processor	Intel® Celeron®, Intel Pentium®, or 10th Gen Intel Core™ i3 / i5 / i7 / i9 Processor						Bluetooth™	<i>Some:</i> Bluetooth 5.0/5.1 wireless, integrated in Wi-Fi + BT combo adapter			
							Ethernet	Gigabit ethernet, Intel Ethernet Connection I219-LM (Jacksonville), Wake on LAN®			
							Manageability	Intel Active Management Technology 14.0 (Intel AMT 14.0); Intel vPro technology on some models (require choosing a vPro-support Wi-Fi adapter to enable vPro function through wireless connection)			
							Security chip	Discrete TPM 2.0, TCG Certified			
							Security features	<ul style="list-style-type: none"> • Security slot (for Kensington® lock) • Optional Chassis intrusion switch • Self-Healing BIOS • Optional PrivacyGuard screen • Power-on, admin, hard disk password <ul style="list-style-type: none"> • Boot sequence control • Boot without keyboard and mouse • Individual USB port disablement • Smart USB protection, allows keyboard/mouse only, blocks all storage devices 			
							Keyboard	<i>Some:</i> Lenovo Calliope Keyboard (USB connector), black			
							Mouse	<i>Some:</i> Lenovo Traditional Keyboard (USB connector), black			
								<i>Some:</i> Lenovo Calliope Mouse (USB connector), black			
							Mechanical	<i>Some:</i> Lenovo Fingerpoint Mouse (USB connector), Windows Hello support, black			
								<ul style="list-style-type: none"> • Business black color • Toolless back cover, stand removal • Support VESA mount (100mm) 			
	Memory	64GB max (32GB SO-DIMM only available via special bid models), DDR4-3200*, two 260-pin SO-DIMM sockets, dual-channel capable * System automatically clocks down for the processors with lower memory controller						Privacy Gaurd	ODD	Dimensions (WxDxH)	Approx weight (lb / kg)
	Storage	Support up to 2x 2.5" HDD (2nd HDD occupy ODD bay) and 1x M2.SSD <i>Some:</i> Hard Drive / SATA 6.0Gb/s, 2.5", 5400 rpm or 7200 rpm <i>Some:</i> M.2 SSD (2242 / 2280) / PCIe NVMe, PCIe 3.0 x2 or PCIe 3.0 x4 <i>Some:</i> Intel Optane™ Memory M10, M.2 2280, PCIe 3.0 x2 <i>Some:</i> DVD-ROM SATA 1.5Gb/s Drive, slim (9.0mm)									
	Optical	<i>Some:</i> DVD Burner (DVD±RW), SATA 1.5Gb/s Drive, slim (9.0mm)									
Media reader	Optional 3-in-1 media card reader										
Graphics	<i>Some:</i> Intel HD Graphics 610/630 in processor, uses main memory, DirectX® 12, <i>Some:</i> AMD Radeon™ 625, 2GB GDDR5, DirectX® 12, external monitor support via DisplayPort™(up to 4096x2304@60Hz)										
Monitor Cable	Optional DP to VGA dongle, DP to DVI-D dongle, DP to 2 DP dongle (MST mode), or DP to HDMI 1.4 dongle										
Display	23.8" (604.5mm) Full HD 1080p (1920x1080), In-Plane Switching technology (may refer to IPS, PLS, ADS, AHVA, AAS), wide viewing angle (H/V 178°), LED back-light, 250 nits (350 nits for the models with PrivacyGaurd), 16:9 aspect ratio, 1000:1 contrast ratio, anti-glare, borderless design (88% Screen to Body Ratio), optional PrivacyGaurd										
Multi-touch	Optional multi-touch, supports 10-point, AIT (Advanced In-cell Touch) technology										
Camera	<i>Some:</i> 1080p camera with dual microphone, ThinkShutter (physical switch on/off) <i>Some:</i> RGBIR camera with dual microphone, support 1080p, ThinkShutter (physical switch on/off), support Windows Hello						Stand				
Controls	Microphone mute and power on/off buttons on side, PrivacyGaurd on/off botton on bottom (only for the models with PrivacyGaurd)										
Chipset	Intel Q470 Chipset										
Rear ports*	4x USB 3.2 Gen 1 (one supports Smart Power On), 1x ethernet (RJ-45), 1x DisplayPort, 1x optional serial (9-pin),						Power supply				
Side ports*	2x USB 3.2 Gen 2, 1x USB 3.2 Type-C Gen 1(5V/3A charging), 1x optional card reader, 1x headphone / microphone combo jack (3.5mm)						<i>Some:</i> 150 watts adapter, autosensing, 89% PSU <i>Some:</i> 170 watts adapter, autosensing, 89% PSU				
M.2 card slot	Two M.2 Card slots (one for WLAN, one for SSD/Optane) * Depending on many factors, actual data transfer speed may be lower than theoretical speed						Limited warranty ³ 1-year or 3-year, limited onsite service / service upgrades available				
Audio support	High Definition (HD) Audio, Realtek ALC233 / two internal speakers (3W x 2), Dolby® Atmos® certified						Preload				
WLAN	<i>Some:</i> 11ac wireless, M.2 Card, Realtek RTL8822CE (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, 2x2 <i>Some:</i> 11ac wireless, M.2 Card, Intel Wireless-AC 9560 (dual band), Wi-Fi + Bluetooth 5.0 combo adapter, 2x2 <i>Some:</i> 11ax wireless, M.2 Card, Intel Wi-Fi 6 AX201 (dual band), Wi-Fi + Bluetooth 5.1 combo adapter, Intel vPro technology support, 2x2						<i>Some:</i> Windows® 10 Pro 64-bit <i>Some:</i> Windows 10 Home 64-bit <i>Some:</i> Windows 10 IoT Enterprise (only available via special bid model)				
							Environment	ENERGY STAR® 8.0*, EPEAT™ Silver rating*, ErP Lot 3, TCO 8.0, TCO Edge, TUV Eye comfort certified, TUV Low Blue Light certified, TUV Ultra Low Noise certified (on some models), RoHS-compliant * Only available for MT 11CD/11CE			
							MIL-SPEC test	MIL-STD-810H military certification (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Fungus, Solar Radiation)			
							Accessories	For compatible accessories, please go to http://smartfind.lenovo.com			

Note: The specifications above may not be available in all regions.

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