

ThinkPad X390 20Q00061GE

Product

ThinkPad X390

Region

WE

Country/Region

Germany

Machine Type

20Q0

TopSeller

TopSeller

Processor

Intel Core i7-8565U (4C / 8T, 1.8 / 4.6GHz, 8MB)

Graphics

Integrated Intel UHD Graphics 620

Chipset

Intel SoC Platform

Memory

16GB Soldered DDR4-2400

Display

13.3" FHD (1920x1080) IPS 400nits Anti-glare, ThinkPad Privacy Guard

Multi-touch

None

Storage

512GB SSD M.2 2280 PCIe NVMe Opal2

Optical

None

WLAN + Bluetooth

Intel 9560 11ac, 2x2 + BT5.0

WWAN

Fibocom L830-EB

SIM Card

None

Smart Card Reader

Smart Card Reader

Monitor Cable

None

Bundled Accessories

None

Color

Black

Case Material

PPS

Camera

720p + IR with ThinkShutter

Keyboard

Backlit, German

Fingerprint Reader

Touch Style, Match-on-Chip

NFC

None

TPM

Discrete TPM 2.0

Battery

Integrated 48Wh

Power Adapter

65W USB-C

System Management

None

Operating System

Windows 10 Pro 64, German

Bundled Software

None

Base Warranty

3-year, Depot

Bundled Service

None

End of Support

2025-11-29

Announce Date

2019-10-29

Recommended Services**Better**

4Y Premier Support Upgrade from 3Y Depot/CCI (5WS0T36185)

Good

3Y Premier Support Upgrade from 3Y Depot/CCI (5WS0T36152)

Notes:

Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences.

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ThinkPad X390 Platform Specifications

Product Specifications Reference (PSREF)



Processor	8th Generation Intel® Core™ i3 / i5 / i7 Processor								Dimensions	Models	FHD Non-touch	HD / FHD Multi-touch	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		Carbon Fiber	311.9mm x 217.0mm x 16.5mm 12.28" x 8.54" x 0.65"	-	
Processor	or 10th Generation Intel Core i5 / i7 Processor (NOT available in EMEA)								Weight	Models	FHD Non-touch	HD	FHD Multi-touch
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		Carbon Fiber	312.0mm x 217.2mm x 16.9mm 12.28" x 8.55" x 0.67"	312mm x 217.2mm x 16.9mm 12.28" x 8.55" x 0.67"	-
Processor	or 10th Generation Intel Core i5 / i7 Processor (NOT available in EMEA)								Case color	Black			
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		Case material	<i>Display cover:</i> Carbon Fiber (FHD non-touch only) or PPS; <i>Bottom:</i> Magnesium/Aluminum		
Processor	or 10th Generation Intel Core i5 / i7 Processor (NOT available in EMEA)								Smart card reader	Optional: Smart card reader			
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		Media reader	MicroSD card reader, in the combo slot with nano-SIM card		
Graphics	Intel UHD Graphics 620 or Intel UHD Graphics in processor; supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 4096x2304 @60Hz (Thunderbolt); 4096x2160 @24Hz (HDMI)								Ports	Two USB 3.1 Gen 1 (one Always On), one USB 3.1 Type-C Gen 1 (with the function of Power Delivery and DisplayPort), one USB 3.1 Type-C Gen 2 / Thunderbolt 3 (with the function of PD and DP), HDMI 1.4b, Ethernet extension connector, combo slot of nano-SIM card (WWAN models) and microSD card reader, headphone / microphone combo jack, optional smart card reader, side docking connector, security keyhole			
Chipset	Intel SoC (System on Chip) platform								Monitor cable (optional)	HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter			
Memory	4GB, 8GB, 16GB or 32GB / 2400MHz DDR4 / soldered to systemboard, no sockets * 32GB memory for 10th Gen processor only * Installed memory is actually 2666MHz but run at 2400MHz due to Intel limitation								Bundled Accy	Optional: ThinkPad Ethernet Extension Adapter Gen 2			
Display	Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Camera (optional) One of the following, configurable by model:			
	13.3"	HD (1366x768)	TN	Anti-glare	250 nits	16:9	500:1	45%	90°	• HD720p camera with ThinkShutter camera privacy, fixed focus			
	13.3"	FHD (1920x1080)	IPS	Anti-glare	300 nits	16:9	800:1 (non-touch) 700:1 (multi-touch)	72%	170°	• IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus			
	13.3"	FHD (1920x1080) ThinkPad Privacy Guard	IPS	Anti-glare	400 nits	16:9	1000:1	72%	178°	HD Audio, Realtek® ALC3287 codec / stereo speakers, 1W x 2, Dolby® Audio™ Premium / dual array far-field microphone, headphone / microphone combo jack			
Multi-touch (opt)	On-cell touch, supports 10-finger gesture (FHD only)								Keyboard	6-row, spill-resistant, multimedia Fn keys, optional LED backlight			
Storage	<ul style="list-style-type: none"> M.2 2280 SSD / SATA 6.0Gb/s M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4 M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2 Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4 								UltraNav™	TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad			
Optical	None								Security	Power-on password, hard disk password, supervisor password, security keyhole			
Ethernet	Native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro) via bundled or optional ThinkPad Ethernet Extension Adapter Gen 2								Security chip	Discrete TPM 2.0, TCG Certified			
WLAN (optional)	One of the following, configurable by model: <ul style="list-style-type: none"> Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.0 Intel Wi-Fi 6 AX200, Wi-Fi 2x2 802.11ax + Bluetooth 5.0 								System Mgt (opt)	Intel vPro Technology			
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Fingerprint reader	Optional: Touch style match on chip fingerprint reader on the palm rest			
WWAN (optional)	One of the following, configurable by model: <ul style="list-style-type: none"> Wireless WAN upgradable Integrated Mobile Broadband 4G LTE, Fibocom L830-EB, M.2 card (EMEA only) Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card * For non-WWAN model, it means the model is NOT WWAN upgradable								NFC (optional)	Near Field Communication			
									Battery	Integrated Li-ion 48Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter			
									Max battery life	MobileMark® 2014: 17.6 hr * Battery life varies significantly with settings, usage, & other factors			
									AC adapter	45W, 65W, or 65W slim USB-C AC adapter			
									Operating system	Optional: Windows® 10 Home 64 or Windows 10 Pro 64			
									Limited warranty	One of the following, configurable by model: <ul style="list-style-type: none"> 1-year depot repair service 1-year depot with 2-year system board repair service 3-year/1-yr battery depot repair service 3-year/1-yr battery limited onsite service 			
									Mil-Spec test	MIL-STD-810G military testing			
									Environment	EPEAT™ Gold; ENERGY STAR® 7.1; RoHS-compliant			

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

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