

ThinkPad X390 20Q0000TFE

Product

ThinkPad X390

Region

MEA

Country/Region

Africa-French-Portuguese

Machine Type

20Q0

TopSeller

TopSeller

Processor

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

Graphics

Integrated Intel UHD Graphics

Chipset

Intel SoC Platform

Memory

8GB Soldered DDR4-2400

Storage

512GB SSD M.2 2280 PCIe NVMe Opal2

Display

13.3" FHD (1920x1080) IPS 300nits Anti-glare

Touchscreen

None

Media Reader

MicroSD Reader

Ethernet

100/1000M via Optional Adapter

Optical

None

WLAN + Bluetooth

Intel 9560 11ac, 2x2 + BT5.0

WWAN

None

SIM Card

None

Smart Card Reader

Smart Card Reader

Monitor Cable

None

Bundled Accessories

None

Case Material

PPS (Top), Magnesium / Aluminum (Bottom)

Camera

720p with ThinkShutter

Microphone

2x, Array

Color

Black

Keyboard

Backlit, French

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, French

Bundled Software

None

Base Warranty

3-year, Depot

Bundled Service

None

EAN / UPC / JAN

0193268998506

End of Support

2025-10-19

Announce Date

2019-03-19

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"		-				
	i3-8145U	2	4	2.1 GHz	3.9 GHz	4MB	DDR4-2400	Intel UHD Graphics	PPS		312.0mm x 217.2mm x 16.9mm 12.28" x 8.55" x 0.67"		311.9mm x 217.2mm x 16.9mm 12.28" x 8.55" x 0.67"				
	i5-8265U	4	8	1.6 GHz	3.9 GHz	6MB			Models		FHD Non-touch	HD	FHD Multi-touch				
	i5-8365U			1.6 GHz	4.1 GHz	6MB			Carbon Fiber		2.70 lb / 1.22 kg	-	-				
i7-8565U	1.8 GHz			4.6 GHz	8MB	PPS			2.85 lb / 1.29 kg	2.93 lb / 1.33 kg	2.84 lb / 1.28 kg						
i7-8665U	1.9 GHz	4.8 GHz	8MB	or 10th Generation Intel Core i5 / i7 Processor (NOT available in EMEA)													
Graphics	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Case color	Black							
	i5-10210U	4	8	1.6 GHz	4.2 GHz	6MB	DDR4-2400	Intel UHD Graphics	Case material	Display cover: Carbon Fiber (FHD non-touch only) or PPS; Bottom: Magnesium/Aluminum							
	i7-10510U	1.8 GHz	4.9 GHz	8MB	Smart card reader	Optional: Smart card reader											
	i7-10710U	6	12	1.1 GHz	4.7 GHz	12MB			Media reader	MicroSD card reader, in the combo slot with nano-SIM card							
	Chipset Memory	Intel SoC (System on Chip) platform 4GB, 8GB, 16GB or 32GB / 2400MHz DDR4 / soldered to systemboard, no sockets * 32GB memory is NOT available for models with 10th Gen processor * Installed memory is actually 2666MHz but run at 2400MHz due to Intel limitation									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 * Depending on many factors, actual data transfer speed may be lower than theoretical speed					
Display		Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Monitor cable (optional)	HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter USB-C to VGA: Lenovo USB-C to VGA Adapter USB-C to DP: Lenovo USB-C to DisplayPort Adapter Optional: ThinkPad Ethernet Extension Adapter Gen 2					
		13.3"	HD (1366x768)	TN	Anti-glare	250 nits	16:9	500:1	45%	90°	Bundled Accy	Optional: ThinkPad Ethernet Extension Adapter Gen 2					
		13.3"	FHD (1920x1080)	IPS	Anti-glare	300 nits	16:9	800:1 (non-touch) 700:1 (multi-touch)	72%	170°	Camera (optional)	• HD720p camera with ThinkShutter camera privacy, fixed focus • 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°	Audio support	HD Audio, Realtek® ALC3287 codec / stereo speakers, 1W x 2, Dolby® Audio™ Premium / dual array far-field microphone (optional for special bid model), headphone / microphone combo jack					
	Multi-touch (opt)	On-cell touch, supports 10-finger gesture (FHD only)									Keyboard UltraNav™	6-row, spill-resistant, multimedia Fn keys, optional LED backlight TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad					
Storage	• M.2 2280 SSD / SATA 6.0Gb/s • M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2 • M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4 • Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4									Security	Power-on password, hard disk password, supervisor password, security keyhole						
	Optical	None									Security chip	Firmware TPM 2.0 integrated in chipset or discrete TPM 2.0 TCG Certified (may be disabled in some region)					
		Ethernet	Native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro) via optional ThinkPad Ethernet Extension Adapter Gen 2									System Mgt (opt)	Intel vPro Technology				
			WLAN (optional)	• 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									Fingerprint reader	Optional: Touch style match on chip fingerprint reader on the palm rest			
				Bluetooth™ (opt)	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter									NFC (optional)	Near Field Communication		
WWAN (optional)					• Wireless WAN upgradable (special bid only in EMEA) • 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									Battery	Integrated Li-Polymer 48Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter MobileMark® 2014: 17.6 hr * Battery life varies significantly with hardware configurations, settings, usage, & other factors		
	SIM card (opt)				• Verizon LTE (US) SIM card • Gemalto eSIM									Max battery life	• 45W USB-C AC adapter • 65W USB-C AC adapter • 65W USB-C slim AC adapter		
		Operating system												AC adapter	• 45W USB-C AC adapter • 65W USB-C AC adapter • 65W USB-C slim AC adapter		
			Limited warranty (optional)											Operating system	Optional: Windows® 10 Home 64 or Windows 10 Pro 64		
				Mil-Spec test										Operating system	Optional: Windows® 10 Home 64 or Windows 10 Pro 64		
Environment														Limited warranty (optional)	• 1-year depot repair service • 1-year depot with 2-year system board repair service • 1-year limited onsite service • 1-year + 2-year depot repair service • 1-year + 2-year limited onsite service • 3-year/1-yr battery depot repair service • 3-year/1-yr battery limited onsite service		
	Environment													Mil-Spec test	MIL-STD-810G military testing		
		Environment												Environment	EPEAT™ Gold; ENERGY STAR® 7.1; TCO Certified; RoHS-compliant		
			Environment											Environment	EPEAT™ Gold; ENERGY STAR® 7.1; TCO Certified; RoHS-compliant		
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				Environment</													

Note: The specifications above may not be available in all regions and might change by regions.

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July 2020

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