

ThinkPad E580 20KS003PUS

Region
US

Machine Type
20KS

TopSeller
TopSeller

Processor
Core i7-8550U (4C, 1.8 / 4.0GHz, 8MB)

vPro
No

Graphics
Integrated Intel UHD Graphics 620

Memory
8GBx1

Display
15.6" FHD (1920x1080) IPS

Multi-touch
None

Storage
256GB SSD M.2 PCIe NVMe Opal2

Optical
None

WLAN + Bluetooth
RTL8822BE, 2x2 + BT4.1

WWAN
None

SIM Card
None

Color
Black

Case Material
Aluminum

Camera
720p

Keyboard
Non-backlit

Fingerprint Reader
Fingerprint Reader

NFC
None

TPM
dTPM 2.0

Battery
45Wh

Power Adapter
65W USB-C

Operating System
Windows 10 Pro 64

Warranty
1-year, Depot

Global
No

End of Support
Feb 9, 2024

Ann Date (mm/yy)
01/18

Note:

Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "***" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries



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ThinkPad E580 Platform Specifications

Product Specifications Reference (PSREF)

Processor	7th or 8th Generation Intel® Core™ i3 / i5 / i7 Processor								Dimensions Weight Case color Case material Camera Audio support	<i>Aluminum (WxDxH):</i> 14.53" x 9.92" x 0.78" 369mm x 252mm x 19.95mm From 4.7 lb (2.1kg) <i>LCD Rear:</i> Black or Silver <i>Base Cover:</i> Black or Silver <i>Top Cover:</i> Black or Silver Aluminum display cover
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Controller	Processor Graphics		
	i3-7130U	2	4	2.7 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620		
	i5-7200U			2.5 GHz	3.1 GHz	3MB				
	i3-8130U	2	4	2.2 GHz	3.4 GHz	4MB	DDR4-2400	Intel UHD Graphics 610		
	i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	DDR4-2400	Intel UHD Graphics 620		
	i7-8550U			1.8 GHz	4.0 GHz	8MB				
<i>* i3-7130U is not available in EMEA and US</i>										
Graphics	Intel HD Graphics in processor only, or AMD Radeon RX 550 Graphics, 2GB DDR5 memory, digital monitor support via HDMI™ (supporting HDCP to output protected content); supports dual independent displays; Max resolution: 1920x1080 (HDMI)@60Hz								Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight
Memory	32GB max / 2400MHz DDR4, non-parity, dual-channel capable, two 260-pin SO-DIMM sockets <i>* System clocks down for processors with lower memory controller</i>								UltraNav™ ThinkLight™	TrackPoint® pointing device and multi-touch with 3+2 buttons click pad None
									Fingerprint reader NFC	<i>Some:</i> Touch style fingerprint reader on the palm rest None
Display	Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 contrast ratio Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 600:1 contrast ratio								Security Security chip	Power-on password, hard disk password, supervisor password, security keyhole <i>fTPM2.0:</i> Firmware TPM 2.0, integrated in chipset <i>dTPM2.0:</i> Discrete TPM 2.0, TCG Certified
									vPro	No
Multi-touch	None								Battery type Battery life AC adapter	45Wh battery up to 12.23 hr 45W or 65W USB Type-C AC adapter
Storage	Up to 2 drives (one M.2 SSD and one HDD) <i>Some:</i> M.2 SSD / PCIe NVMe <i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable, Active Protection System™ <i>Some:</i> Dummy HDD								Preload	<i>Some:</i> Windows 10 Pro 64 <i>Some:</i> Windows 10 Home 64 • Lenovo Companion • PC Manager • Microsoft Office preloaded; purchase a product key to activate • McAfee® Live Safe (30-day trial)
Optical									None	
Ethernet	Gigabit Ethernet Connection, Realtek R8111GUS								Limited warranty	1-year - depot repair service / service upgrades available
WLAN	One of the following, configurable by model: • Intel Dual Band Wireless-AC 3165, 1x1, Wi-Fi + BT combo adapter, M.2 Card • Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card • Realtek RTL8821CE, Wi-Fi 1x1 802.11ac + BT4.1, M.2 card Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter								Mil-Spec test	None
Bluetooth™										
WWAN SIM card	None None									
Smart Card Reader ExpressCard Dock Multicard Reader Ports	None None None Micro SD card reader Two USB 3.1 (one Always On), one USB 2.0, HDMI 1.4b, Ethernet (RJ-45), One USB 3.1 Type-C Gen 2 (support data, video, and power delivery)									
Monitor cable	None									

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