



ThinkPad E580 Platform Specifications

Product Specifications Reference (PSREF)

Processor	7th Generation Intel® Core™ i3 / i5 Processor (i3-7130U is NOT available in US and EMEA) or							Dimensions	WxDxH: 14.53" x 9.92" x 0.78"; 369mm x 252mm x 19.95mm	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Weight	Starting at 4.7 lb / 2.1kg
	i3-7020U	2	4	2.3 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620	Case color	Black or silver
	i3-7130U			2.7 GHz	-	3MB			Case material	Display cover: Aluminum;
	i5-7200U			2.5 GHz	3.1 GHz	3MB			Bottom: PC/ABS plastic	
	8th Generation Intel Core i3 / i5 / i7 Processor							Smart card reader	None	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Media reader	MicroSD card reader
	i3-8130U	2	4	2.2 GHz	3.4 GHz	4MB	DDR4-2400	Intel UHD Graphics 620	Ports	Two USB 3.1 Gen 1 (one Always On), one USB 3.1 Type-C Gen 2, one USB 2.0, HDMI 1.4b, Ethernet (RJ-45), headphone / microphone combo jack, microSD card reader, security keyhole
	i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB				
	i7-8550U			1.8 GHz	4.0 GHz	8MB				
Graphics	Intel HD Graphics 620 or Intel UHD Graphics 620 in processor only or Intel HD Graphics 620 or Intel UHD Graphics 620 in processor and AMD Radeon RX 550 Graphics, 2GB DDR5 memory; supports external digital monitor via HDMI or USB Type-C; supports dual independent display; Max resolution: 1920x1080 (HDMI) @60Hz							Camera	HD720p camera, fixed focus	
Chipset	Intel SoC (System on Chip) platform 32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets * System clocks down for processors with lower memory controller							Audio support	HD Audio, Conexant® CX11852 codec, Dolby® Advanced Audio / stereo speakers, 2W x 2 / dual array microphone, headphone / microphone combo jack	
Memory								Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight	
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							UltraNav™	TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad	
Multi-touch	None							Security	Power-on password, hard disk password, supervisor password, security keyhole	
Storage	Up to 2 drives (one M.2 SSD and one HDD) Some: HDD / SATA 6.0Gb/s, 2.5" wide, removable, upgradable, Active Protection System™ Some: M.2 SSD / PCIe NVMe							Security chip (opt)	Firmware TPM 2.0 integrated in chipset or discrete TPM 2.0 TCG Certified vPro	
Optical	None							Fingerprint reader	Optional: Touch style fingerprint reader on the palm rest	
Ethernet	Gigabit Ethernet Connection, Realtek R8111GUS							NFC	None	
WLAN + Bluetooth™	One of the following, configurable by model: • Realtek® RTL8821CE, Wi-Fi 1x1 802.11ac + Bluetooth 4.1, M.2 card • Realtek RTL8822BE, Wi-Fi 2x2 802.11ac + Bluetooth 4.1, M.2 card • Intel Dual Band Wireless-AC 3165, 1x1, Wi-Fi + Bluetooth 4.1, M.2 Card							Battery	Integrated Li-Ion 45Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W USB Type-C AC adapter	
WWAN SIM card	None							Max battery life	MobileMark® 2014: 12.23 hr * Battery life varies significantly with settings, usage, & other factors	
								AC adapter	45W or 65W USB Type-C AC adapter	
								Preload (optional)	Windows® 10 Home 64 or Windows 10 Pro 64	
								Limited warranty	1-year depot repair service	
								Mil-Spec test	MIL-STD-810G military certification	
								Environment	ENERGY STAR® 6.1; RoHS-compliant	

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

Lenovo
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ThinkPad E580 - TopSeller - 20KS

Product Specifications Reference (PSREF)

Model	Region	Processor	vPro	Graphics	Memory	Display	Storage(HDD/SSD)	Optical	WLAN + Bluetooth	WWAN	SIM Card	Color	Case Material	Camera	Keyboard	Finger-print Reader	TPM	Battery	Power Adapter	Operating System	Warranty	Ann Date (m/y)
20KS003LLUS	US	i7-8550U	None	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	500GB 7200rpm	None	11ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	01/18
20KS003MUS	US	i7-8550U	None	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	500GB 7200rpm	None	11ac, 2x2 + BT4.1	None	None	Silver	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	01/18
20KS003NUS	US	i7-8550U	None	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	Silver	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	01/18
20KS003QUS	US	i5-7200U	None	Intel HD 620	8GBx1	15.6" FHD (1920x1080) IPS	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17
20KS003RUS	US	i5-7200U	None	Intel HD 620	8GBx1	15.6" HD (1366x768)	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17
20KS003SUS	US	i5-8250U	None	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17
20KS003TUS	US	i5-8250U	None	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	128GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17
20KS003UUS	US	i5-8250U	None	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	500GB 7200rpm	None	11ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17
20KS003VUS	US	i5-7200U	None	Intel HD 620	8GBx1	15.6" HD (1366x768)	500GB 7200rpm	None	11ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17
20KS003WUS	US	i5-7200U	None	Intel HD 620	4GBx1	15.6" HD (1366x768)	500GB 7200rpm	None	11ac, 2x2 + BT4.1	None	None	Black	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17
20KS0040US	US	i5-8250U	None	Intel UHD 620	8GBx1	15.6" FHD (1920x1080) IPS	256GB SSD M.2 PCIe NVMe Opal2	None	11ac, 2x2 + BT4.1	None	None	Silver	Aluminum	720p	Non-backlit	Finger-print Reader	dTPM 2.0	45Wh	65W USB-C	Win10 Pro 64	1-year, Depot	12/17