

# ThinkPad 13 (2nd Gen) 20J1003T++

**Region**  
EMEA

**Machine Type**  
20J1

**TopSeller**  
TopSeller

**Processor**  
Core i5-7200U (2C, 2.5 / 3.1GHz, 3MB)

**vPro**  
No

**Graphics**  
Integrated Intel HD Graphics 620

**Memory**  
8GBx1

**Display**  
13.3" FHD (1920x1080) IPS

**Multi-touch**  
None

**Storage**  
256GB SSD M.2 PCIe NVMe Opal2

**Optical**  
None

**WLAN + Bluetooth**  
Intel 8265 ac, 2x2 + BT4.1

**Color**  
Black

**Camera**  
720p

**Keyboard**  
Non-backlit

**Fingerprint Reader**  
Fingerprint Reader

**TPM**  
dTPM 2.0

**Battery**  
3-cell (42Wh)

**Power Adapter**  
45W Slim Tip

**Operating System**  
Windows 10 Pro 64

**Warranty**  
1-year, Depot

**End of Support**  
Apr 4, 2022

**Ann Date (mm/yy)**  
04/17

**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 13 (2nd Gen) Platform Specifications

Product Specifications Reference (PSREF)



Processor	Intel® Celeron® Processor or 7th 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 Ports	4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.1 Gen 1 (USB 3.0, one Always On), one USB Type-C, HDMI, Lenovo OneLink+ connector
	Cel 3865U	2	4	1.8 GHz	-	2MB	DDR4-2133	Intel HD Graphics 610	Camera Audio support	HD720p resolution, low light sensitive, fixed focus HD Audio, Realtek® ALC3268 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack
	i3-7100U			2.4 GHz	-	3MB		Intel HD Graphics 620		
	i5-7200U			2.5 GHz	3.1 GHz	3MB				
	i5-7300U			2.6 GHz	3.5 GHz	3MB				
i7-7500U	2.7 GHz			3.5 GHz	4MB					
Graphics	Intel HD Graphics 610 or 620 in processor, supports external digital monitor via HDMI or USB Type-C; supports three independent displays; Max resolution: 1920x1080 (HDMI)@60Hz, 3840x2160 (USB Type-C)@60Hz								Security	Power-on password, hard disk password, supervisor password, security keyhole
Chipset	Intel SoC (System on Chip) platform								Security chip	Discrete TPM 2.0, TCG Certified
Memory	32GB max / 2133MHz DDR4, two DDR4 SO-DIMM sockets								vPro (optional)	Intel vPro Technology
Display	Some: 13.3" (338mm) HD (1366x768), anti-glare, LED backlight, 250 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 13.3" (338mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle								Fingerprint reader	Optional: swipe style fingerprint reader on the palm rest
Multi-touch (opt)	On-cell touch, supports 10-finger gesture (FHD only)								Battery	Integrated Lithium Polymer 3-cell (42Wh)
Storage	One of the following, configurable by model: • M.2 SSD / SATA 6.0Gb/s (e.g. xxxGB SSD M.2) • M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxGB SSD M.2 PCIe NVMe)								Max battery life	MobileMark® 2014: 14.56 hr
Optical	None								AC adapter	45W slim tip AC adapter
Ethernet	Gigabit Ethernet via the accessional ThinkPad OneLink+ to RJ45 Adapter (4X90K06975) or ThinkPad OneLink+ to VGA/RJ45 adapter (4X90J31060) (by native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro))								Preload	Some: Windows® 10 Home 64 Some: Windows 10 Pro 64 • Lenovo Companion • Lenovo Setting • Microsoft Office preloaded; purchase a product key to activate
WLAN	Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card								Limited warranty	One of the following, configurable by model: • 1-year depot repair service • 3-year/1-yr battery depot repair service • 3-year/1-yr battery limited onsite service
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter * Intel 8265ac card supports Bluetooth 4.2 but is limited to BT 4.1 by Windows OS								Mil-Spec test	MIL-STD-810G military certification
WWAN	None								Environment	EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant
Dimensions	WxDxH (silver): 12.69" x 8.77" x 0.75"; 322.4mm x 222.8mm x 19.1mm WxDxH (black): 12.69" x 8.77" x 0.78"; 322.4mm x 222.8mm x 19.8mm									
Weight	Starting at 3.17 lb / 1.44 kg									
Case color	Pure Black or Silver									
Case material	Black cover: PC/ABS plastic; Silver cover: Aluminum									

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