ThinkPad 13 (2nd Gen) 20J1005B++

Region
EMEA

Machine Type
20J1

TopSeller
TopSeller

Processor
Core i7-7500U (2C, 2.7 / 3.5GHz, 4MB)

vPro
No

Graphics
Integrated Intel HD Graphics 620

Memory
8GBx2

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
Silver

Camera
720p

Keyboard
Backlit

Fingerprint Reader
None

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
Oct 3, 2022

Ann Date (mm/yy)
10/17

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

Processor

Intel® Celeron® Processor or 7th Generation Intel Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Cel 3865U	2	2	1.8 GHz	-	2MB	DDR4-2133	Intel HD Graphics 610
i3-7100U		4	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

Chipset
Intel SoC (System on Chip) platform

Memory
32GB max / 2133MHz DDR4, two DDR4 SO-DIMM sockets

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

Multi-touch *(opt)*
On-cell touch, supports 10-finger gesture (FHD only)

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)

Optical
None

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*))

WLAN
Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card

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*

WWAN
None

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

Smart card reader
None

Media reader
4-in-1 reader (MMC, SD, SDHC, SDXC)

Ports
Three USB 3.1 Gen 1 (USB 3.0, one Always On), one USB Type-C, HDMI, Lenovo OneLink+ connector

Camera
HD720p resolution, low light sensitive, fixed focus

Audio support
HD Audio, Realtek® ALC3268 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack

Keyboard
6-row, multimedia Fn keys, optional LED backlight

UltraNav™
TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch

Security
Power-on password, hard disk password, supervisor password, security keyhole

Security chip
Discrete TPM 2.0, TCG Certified

vPro *(optional)*
Intel vPro Technology

Fingerprint reader
Optional: swipe style fingerprint reader on the palm rest

Battery
Integrated Lithium Polymer 3-cell *(42Wh)*

Max battery life
MobileMark® 2014: 14.56 hr

AC adapter
45W slim tip AC adapter

Preload
Some: Windows® 10 Home 64
Some: Windows 10 Pro 64
- Lenovo Companion
- Lenovo Setting
- Microsoft Office preloaded; purchase a product key to activate

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

Mil-Spec test
MIL-STD-810G military certification

Environment
EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant

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