ThinkPad 13 (2nd Gen) 20J1001Y++

Region
EMEA

Machine Type
20J1

TopSeller
TopSeller

Processor
Core i3-7100U (2C, 2.4GHz, 3MB)

vPro
No

Graphics
Integrated Intel HD Graphics 620

Memory
8GBx1

Display
13.3" FHD (1920x1080) IPS

Multi-touch
None

Storage
180GB SSD M.2

Optical
None

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

Color
Silver

Camera
720p

Keyboard
Non-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
Jan 31, 2022

Ann Date (mm/yy)
01/17

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

www.lenovo.com

This publication was developed for products and services offered in the United States and E.M.E.A countries. Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifcations or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication “as is” without warranty of any kind, either express or implied, including the implied warranties of merchantability or ftness for a particular purpose.

http://psref.lenovo.com
Visit psref website for the latest version of Product Specifcations Reference.

© Lenovo, 2018. All rights reserved.



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

ThinkPad 13 (2nd Gen)











