ThinkBook 15 G2 ITL Platform Specifications

Processor — 11th Generation Intel® Core™ i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-1115G4	2	4	3.0 GHz	4.1 GHz	6MB	DDR4-3200	Intel UHD Graphics
i5-1135G7	4	8	2.4 GHz	4.2 GHz	8MB		Intel Iris® Xe Graphics
i7-1165G7			2.8 GHz	4.7 GHz	12MB		

Graphics — Intel UHD Graphics or Intel Iris Xe Graphics in processor and
NVIDIA® GeForce® MX450, 2GB GDDR6 memory;
supports up to 4 independent displays via native display and three external monitors;
supports external monitors via HDMI (up to 3840x2160@30Hz) or
USB Type-C (up to 5120x3200@60Hz) or
Thunderbolt™ (up to 5120x3200@60Hz)

Chipset — Intel SoC (System on Chip) platform
Memory — 40GB max / 3200MHz DDR4, dual-channel capable
4GB or 8GB memory soldered to systemboard, one DDR4 SO-DIMM slot

Display

Size	Resolution	Surface	Touch	Type	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle
15.6"	FHD (1920x1080)	Anti-glare	-	TN	220 nits	16:9	500:1	45% NTSC	90°
15.6"	FHD (1920x1080)	Anti-glare	-	IPS	250 nits	16:9	700:1	45% NTSC	170°
15.6"	FHD (1920x1080)	Anti-glare	-	IPS	300 nits	16:9	1200:1	100% sRGB	170°
15.6"	FHD (1920x1080)	Anti-glare	Multi-touch	IPS	300 nits	16:9	800:1	45% NTSC	170°

Multi-touch *(opt)* — Capacitive-type on-cell multi-touch, supports 10 fingers gesture

Storage — *System supports one M.2 2280 PCIe 4.0x4 SSD slot and one HDD bay or one M.2 2280 PCIe 4.0x4 SSD slot and one M.2 2280 PCIe 3.0x2 SSD slot, depends on model configuration:*
- HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high
- M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4
- M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4 or PCIe 4.0 x 4

Optical — None

Ethernet — Gigabit Ethernet connection

WLAN + Bluetooth™ — *One of the following, configurable by model:*
- 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 card
- Intel Wi-Fi 6 AX201, Wi-Fi 2x2 802.11ax + Bluetooth 5.1, M.2 card
* Intel WiFi 6 full features might be limited by country level restrictions
* BT5.1 is supported on Windows 10 version 2004 or above (limited to BT5.0 on earlier version)

Dimensions — *WxDxH:* 14.1" x 9.25" x 0.74"; 357mm x 235mm x 18.9mm
Weight — Starting at 3.75 lbs / 1.7 kg
Case color — Mineral grey, dual tone design
Case material — *Top cover:* Aluminum
Bottom: PC/ABS plastic

Media reader — 4-in-1 media reader (MMC, SD, SDHC, SDXC)
Ports — One Thunderbolt 4 / USB4 40Gbps (with the function of PD 3.0 and DP 1.4),
one USB-C 3.2 Gen 2 (with the function of PD 3.0 and DP 1.4),
two USB 3.2 Gen 1 (one Always On), HDMI 1.4b, SD card reader,
Ethernet (RJ45), headphone / microphone combo jack, security keyhole
* Depending on many factors, actual data transfer speed may be lower than theoretical speed

Camera — HD720p camera with ThinkShutter, fixed focus,
integrated dual array digital microphone
Audio support — HD Audio, Realtek ALC3287 codec, stereo speakers, 2W x 2, Dolby Audio™,
dual array digital microphone, optional ThinkBook Integrated Earbuds
(Earbuds is not available for the models with HDD bay)

Keyboard — 6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight
Touchpad — Buttonless Mylar surface touchpad, multi-touch, supports Precision TouchPad

Security — Power-on password, hard disk password, supervisor password,
Kensington Nano security slot
Security chip — Firmware TPM 2.0 integrated in chipset
Fingerprint reader — Touch style fingerprint reader on smart power button

Battery — Integrated Li-Polymer 45Wh or 60Wh battery,
45Wh battery supports Rapid Charge Pro (charge up to 50% in 30min)
60Wh battery supports Rapid Charge (charge up to 80% in 1hr)
(60Wh battery is not available for models with HDD bay)
Max battery life — *MobileMark® 2018:* 6 hr (45Wh) or 8 hr (60Wh)
* Battery life varies significantly with hardware configurations, settings, usage, & other factors
AC adapter — 65W USB-C AC adapter or 65W USB-C mini wall-mount AC adapter
(65W USB-C mini wall-mount AC adapter is only available in selected countries)

Preload *(optional)* — Preloaded operating system
- Windows® 10 Home 64
- Windows 10 Pro 64

Preloaded applications (only some listed)
- Microsoft® 365 Personal
- Microsoft 365 Family
- Microsoft Office Home and Business 2019
- Microsoft Office Home and Student 2019
- Microsoft Office Professional 2019
- Microsoft Office Personal 2019
- Microsoft Office Trial (with 30-day license)

Limited warranty — *One of the following, configurable by model:*
- 1-year depot repair service
- 1-year with 2-year system board repair service
- 2-year/1-yr battery depot repair service

Mil-Spec test — Work in progress

Environment — EPEAT™ Silver; ENERGY STAR® 8.0; ErP lot3; RoHS-compliant;
TUV Low Blue Light certified (IPS display only)

The specifications above may not be available in all regions and might change by regions