

ThinkBook 15 G2 ITL Platform Specifications

Product Specifications Reference (PSREF)

Processor	11th Generation Intel® Core™ i3 / i5 / i7 Processor										Media reader Ports	4-in-1 media reader (MMC, SD, SDHC, SDXC) One Thunderbolt 4 (40Gbps) / USB-C 3.2 Gen 2 (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 <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>												
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics				Camera	HD720p camera with ThinkShutter, fixed focus, integrated dual array digital microphone											
	i3-1115G4	2	4	3.0 GHz	4.1 GHz	6MB	DDR4-3200	Intel UHD Graphics					Audio support	HD Audio, Realtek ALC3287 codec, stereo speakers, 2W x 2, Dolby Audio™, dual array digital microphone, optional ThinkBook Integrated Earbuds <i>(Earbuds is not available for the models with HDD bay)</i>										
	i5-1135G7	4	8	2.4 GHz	4.2 GHz	8MB		Intel Iris® Xe Graphics						Keyboard Touchpad	6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight Buttonless Mylar surface touchpad, multi-touch, supports Precision TouchPad									
i7-1165G7	2.8 GHz			4.7 GHz	12MB			Security	Power-on password, hard disk password, supervisor password, Kensington lock slot															
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)										Security chip	Firmware TPM 2.0 integrated in chipset												
	Chipset Memory	Intel SoC (System on Chip) platform 40GB max / 3200MHz DDR4, dual-channel capable 4GB or 8GB memory soldered to systemboard, one DDR4 SO-DIMM slot										Fingerprint reader	Touch style fingerprint reader on smart power button											
Display		Size	Resolution	Surface	Touch	Type	Brightness		Aspect Ratio	Contrast Ratio	Color Gamut		Viewing Angle	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) <i>(60Wh battery is not available for models with HDD bay)</i>									
	15.6"	FHD (1920x1080)	Anti-glare	-	TN	220 nits	16:9	500:1	45% NTSC	90°	Max battery life	<i>MobileMark® 2018: 6 hr (45Wh) or 8 hr (60Wh)</i> <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>												
	15.6"	FHD (1920x1080)	Anti-glare	-	IPS	250 nits	16:9	700:1	45% NTSC	170°		AC adapter	65W USB-C AC adapter or 65W USB-C mini wall-mount AC adapter <i>(65W USB-C mini wall-mount AC adapter is only available in selected countries)</i>											
	15.6"	FHD (1920x1080)	Anti-glare	-	IPS	300 nits	16:9	1200:1	100% sRGB	170°			Preload (optional)		<i>Preloaded operating system</i> • Windows® 10 Home 64 • Windows 10 Pro 64 <i>Preloaded applications (only some listed)</i> • 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)									
	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										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												
	Optical	None										Mil-Spec test		Work in progress										
Ethernet	Gigabit Ethernet connection										Environment		ENERGY STAR® 8.0; ErP lot3, TUV Low Blue Light certified (IPS display only), RoHS-compliant											
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 <i>* Intel WiFi 6 full features might be limited by country level restrictions</i> <i>* Bluetooth 5.1 requires the latest version of Windows 10 (version 2004 or above)</i>																							
Dimensions Weight Case color Case material	WxDxH: 14.1" x 9.25" x 0.74"; 357mm x 235mm x 18.9mm Starting at 3.75 lbs / 1.7 kg Mineral grey, dual tone design Top cover: Aluminum Bottom: PC/ABS plastic																							

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

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