

# ThinkBook 15 G2 ITL 20VE003KUS

**Product**

ThinkBook 15 G2 ITL

**Region**

NA

**Country/Region**

USA

**Machine Type**

20VE

**TopSeller**

TopSeller

**Processor**

Intel Core i7-1165G7 (4C / 8T, 2.8 / 4.7GHz, 12MB)

**Graphics**

Integrated Intel Iris Xe Graphics

**Chipset**

Intel SoC Platform

**Memory**

8GB Soldered DDR4-3200

**Storage**

512GB SSD M.2 2242 PCIe 3.0x4 NVMe + Empty HDD Bay

**Display**

15.6" FHD (1920x1080) IPS 250nits Anti-glare

**Touchscreen**

None

**Optical**

None

**Card Reader**

4-in-1 Card Reader

**Ethernet**

100/1000M

**WLAN + Bluetooth**

Intel AX201 11ax, 2x2 + BT5.1

**Bundled Accessories**

None

**Camera**

720p with ThinkShutter

**Microphone**

2x, Array

**Case Color**

Mineral Grey

**Surface Treatment**

Anodizing sandblasting

**Case Material**

Aluminium (Top), PC / ABS (Bottom)

**Keyboard**

Backlit, English (US)

**Fingerprint Reader**

Touch Style

**Security Chip**

Firmware TPM 2.0

**Battery**

Integrated 45Wh

**Power Adapter**

65W USB-C

**Operating System**

Windows 10 Pro 64, English

**Bundled Software**

Office Trial

**Base Warranty**

1-year, Depot

**Bundled Service**

None

**EAN / UPC / JAN**

195348284745

**End of Support**

2027-04-30

**Announce Date**

2020-09-22

**Recommended Services****Good**

3Y Premier Support Upgrade from 1Y Depot/CCI (5WS0T36151)

**Notes:****California Electronic Waste Recycling Fee**

In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: <https://www.calrecycle.ca.gov/Electronics/Consumer>

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# 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 / 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 <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						
	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)										Camera	HD720p camera with ThinkShutter, fixed focus, integrated dual array digital microphone		
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										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>		
											Keyboard Touchpad	6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight Buttonless Mylar surface touchpad, multi-touch, supports Precision TouchPad		
Display	Size	Resolution	Surface	Touch	Type	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Security	Power-on password, hard disk password, supervisor password, Kensington Nano security slot		
	15.6"	FHD (1920x1080)	Anti-glare	-	TN	220 nits	16:9	500:1	45% NTSC	90°	Security chip	Firmware TPM 2.0 integrated in chipset		
	15.6"	FHD (1920x1080)	Anti-glare	-	IPS	250 nits	16:9	700:1	45% NTSC	170°	Fingerprint reader	Touch style fingerprint reader on smart power button		
	15.6"	FHD (1920x1080)	Anti-glare	-	IPS	300 nits	16:9	800:1	45% NTSC	170°	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> MobileMark® 2018: 6 hr (45Wh) or 8 hr (60Wh) <i>* Battery life varies significantly with hardware configurations, settings, usage, &amp; other factors</i>		
	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										Max battery life			
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: <ul style="list-style-type: none"><li>• HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high</li><li>• M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 4</li><li>• M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4 or PCIe 4.0 x 4</li></ul>										AC adapter	65W USB-C AC adapter or 65W USB-C slim wall-mount AC adapter <i>(65W USB-C slim wall-mount AC adapter is only available in selected countries)</i>		
Optical	None										Preload (optional)	Preloaded operating system <ul style="list-style-type: none"><li>• Windows® 10 Home 64</li><li>• Windows 10 Pro 64</li></ul> Preloaded applications (only some listed) <ul style="list-style-type: none"><li>• Microsoft® 365 Personal</li><li>• Microsoft 365 Family</li><li>• Microsoft Office Home and Business 2019</li><li>• Microsoft Office Home and Student 2019</li><li>• Microsoft Office Professional 2019</li><li>• Microsoft Office Personal 2019</li><li>• Microsoft Office Trial (with 30-day license)</li></ul>		
Ethernet	Gigabit Ethernet connection												Limited warranty	One of the following, configurable by model: <ul style="list-style-type: none"><li>• 1-year depot repair service</li><li>• 1-year with 2-year system board repair service</li><li>• 2-year/1-yr battery depot repair service</li></ul>
WLAN + Bluetooth™	One of the following, configurable by model: <ul style="list-style-type: none"><li>• 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 card</li><li>• Intel Wi-Fi 6 AX201, Wi-Fi 2x2 802.11ax + Bluetooth 5.1, M.2 card</li></ul> <i>* Intel Wi-Fi 6 full features might be limited by country level restrictions</i> <i>* BT5.1 is supported on Windows 10 version 2004 or above (limited to BT5.0 on earlier version)</i>												Mil-Spec test	Work in progress
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												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

Lenovo  
December 2020

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