

# ThinkBook 15 G2 ITL 20VE006UUS

## 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 + 8GB SO-DIMM DDR4-3200

## Storage

512GB SSD M.2 2242 PCIe 3.0x4 NVMe + Empty M.2 2280 PCIe 3.0x2 SSD Slot

## Display

15.6" FHD (1920x1080) IPS 300nits Anti-glare, Touch

## Touchscreen

10-point Multi-touch

## 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

195477043824

## End of Support

2027-04-30

## Announce Date

2020-09-30

## 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 <small>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</small>																																																													
	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 Audio support HD Audio, Realtek ALC3287 codec, stereo speakers, 2W x 2, Dolby Audio™, dual array digital microphone, optional ThinkBook Integrated Earbuds <small>(Earbuds is not available for the models with HDD bay)</small>																																																													
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										Keyboard Touchpad 6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight 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																																																												
Display	<table border="1"> <thead> <tr> <th>Size</th><th>Resolution</th><th>Surface</th><th>Touch</th><th>Type</th><th>Brightness</th><th>Aspect Ratio</th><th>Contrast Ratio</th><th>Color Gamut</th><th>Viewing Angle</th></tr> </thead> <tbody> <tr> <td>15.6"</td><td>FHD (1920x1080)</td><td>Anti-glare</td><td>-</td><td>TN</td><td>220 nits</td><td>16:9</td><td>500:1</td><td>45% NTSC</td><td>90°</td></tr> <tr> <td>15.6"</td><td>FHD (1920x1080)</td><td>Anti-glare</td><td>-</td><td>IPS</td><td>250 nits</td><td>16:9</td><td>700:1</td><td>45% NTSC</td><td>170°</td></tr> <tr> <td>15.6"</td><td>FHD (1920x1080)</td><td>Anti-glare</td><td>-</td><td>IPS</td><td>300 nits</td><td>16:9</td><td>800:1</td><td>45% NTSC</td><td>170°</td></tr> <tr> <td>15.6"</td><td>FHD (1920x1080)</td><td>Anti-glare</td><td>-</td><td>IPS</td><td>300 nits</td><td>16:9</td><td>1200:1</td><td>100% sRGB</td><td>170°</td></tr> <tr> <td>15.6"</td><td>FHD (1920x1080)</td><td>Anti-glare</td><td>Multi-touch</td><td>IPS</td><td>300 nits</td><td>16:9</td><td>800:1</td><td>45% NTSC</td><td>170°</td></tr> </tbody> </table>										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	800:1	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°	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) <small>(60Wh battery is not available for models with HDD bay)</small> MobileMark® 2018: 6 hr (45Wh) or 8 hr (60Wh) <small>* Battery life varies significantly with hardware configurations, settings, usage, &amp; other factors</small> 65W USB-C AC adapter or 65W USB-C slim wall-mount AC adapter <small>(65W USB-C slim wall-mount AC adapter is only available in selected countries)</small>
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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: <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>									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>																																																													
Optical	None																																																																						
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 WiFi 6 AX201, Wi-Fi 2x2 802.11ax + Bluetooth 5.1, M.2 card</li> </ul> <small>* 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)</small>																																																																						
Dimensions	WxDxH: 14.1" x 9.25" x 0.74"; 357mm x 235mm x 18.9mm									Mil-Spec test Work in progress																																																													
Weight	Starting at 3.75 lbs / 1.7 kg																																																																						
Case color	Mineral grey, dual tone design									Environment EPEAT™ Silver; ENERGY STAR® 8.0; ErP lot3; RoHS-compliant; TUV Low Blue Light certified (IPS display only)																																																													
Case material	Top cover: Aluminum Bottom: PC/ABS plastic																																																																						

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

Lenovo

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