

ThinkBook 15 G2 ARE 20VG0006GE

Product

ThinkBook 15 G2 ARE

Region

WE

Country/Region

Germany

Machine Type

20VG

TopSeller

TopSeller

Processor

AMD Ryzen 5 4500U (6C / 6T, 2.3 / 4.0GHz, 3MB L2 / 8MB L3)

Graphics

Integrated AMD Radeon Graphics

Chipset

AMD SoC Platform

Memory

8GB Soldered DDR4-3200

Storage

256GB SSD M.2 2242 PCIe NVMe 3.0x4 + Empty M.2 2280 PCIe 3.0x2 SSD Slot

Display

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

Touchscreen

None

Optical

None

Media Reader

4-in-1 Card Reader

Ethernet

100/1000M

WLAN + Bluetooth

Intel AX200 11ax, 2x2 + BT5.0

Case Material

Aluminium (Top), PC / ABS (Bottom)

Camera

720p with ThinkShutter

Microphone

2x, Array

Color

Mineral Grey

Surface Treatment

Anodizing Sandblasting

Keyboard

Backlit, German

Fingerprint Reader

Touch Style

TPM

FW TPM 2.0

Battery

Integrated 45Wh

Power Adapter

65W USB-C

Operating System

Windows 10 Pro 64, German

Bundled Software

Office Trial

Base Warranty

1-year, Depot

Bundled Service

None

EAN / UPC / JAN

195235556283

End of Support

2027-04-21

Announce Date

2020-09-21



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AMD

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ThinkBook 15 G2 ARE Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD Ryzen™ Mobile Processors with Radeon™ Graphics										Media reader Ports	4-in-1 media reader (MMC, SD, SDHC, SDXC) Two 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, Ethernet (RJ45), SD card reader, 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 Clock	Max Boost Clock	Cache	Memory Types	Processor Graphics	DDR4-3200	AMD Radeon Graphics		Camera	HD720p camera with ThinkShutter, fixed focus, integrated dual array digital microphone			
	Ryzen 3 4300U	4	4	2.7 GHz	3.7 GHz	2MB L2 / 4MB L3	AMD Radeon Graphics	Audio support				HD Audio, Realtek ALC3287 codec, stereo speakers, 2W x 2, Dolby Audio™, dual array digital microphone				
	Ryzen 5 4500U	6	6	2.3 GHz	4.0 GHz	3MB L2 / 8MB L3		Keyboard Touchpad				6-row, spill-resistant, multimedia Fn keys, numeric keypad, optional LED backlight Buttonless Mylar surface touchpad, multi-touch, supports Precision TouchPad				
	Ryzen 5 4600U	6	12	2.1 GHz	4.0 GHz	3MB L2 / 8MB L3		Security				Power-on password, hard disk password, supervisor password, Kensington lock slot				
	Ryzen 7 4700U	8	8	2.0 GHz	4.1 GHz	4MB L2 / 8MB L3		Security chip				Firmware TPM 2.0 integrated in chipset				
	Ryzen 7 4800U	8	16	1.8 GHz	4.2 GHz	4MB L2 / 8MB L3		Fingerprint reader				Touch style fingerprint reader on smart power button				
Graphics	AMD Radeon Graphics in processor; supports up to 3 independent displays via native display and two external monitors; supports external monitors via HDMI (up to 3840x2160@30Hz) or USB Type-C (up to 5120x2880@60Hz)										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>				
Chipset	AMD SoC (System on Chip) platform										Max battery life	MobileMark® 2018: 7.5 hr (45Wh) or 10 hr (60Wh) <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>				
Memory	40GB max / 3200MHz DDR4, dual-channel capable 4GB or 8GB memory soldered to systemboard, one DDR4 SO-DIMM slot										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>				
Display	Size	Resolution	Surface	Touch	Type	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	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)				
	15.6"	FHD (1920x1080)	Anti-glare	-	TN	220 nits	16:9	500:1	45% NTSC	90°		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			
	15.6"	FHD (1920x1080)	Anti-glare	-	IPS	250 nits	16:9	700:1	45% NTSC	170°			Mil-Spec test	Work in progress		
	15.6"	FHD (1920x1080)	Anti-glare	-	IPS	300 nits	16:9	1200:1	100% sRGB	170°				Environment	ENERGY STAR® 8.0; ErP lot3, TUV Low Blue Light certified (IPS display only), RoHS-compliant	
	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 2 or PCIe 3.0 x 4 • M.2 2280 SSD / PCIe NVMe, PCIe 3.0 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 AX200, Wi-Fi 2x2 802.11ax + Bluetooth 5.0, M.2 card															
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															

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

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September 2020

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