

# ThinkBook 15 G2 ARE 20VG0007GE

## **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 + 8GB SO-DIMM DDR4-3200

## **Storage**

512GB 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 + BT5.1

## **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**

195235498248

## **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				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	DDR4-3200	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 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 5120x2880@60Hz)														
Chipset Memory											AMD SoC (System on Chip) platform 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	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> <i>MobileMark® 2018: 7.5 hr (45Wh) or 10 hr (60Wh)</i> <i>* Battery life varies significantly with hardware configurations, settings, usage, &amp; other factors</i>												
	15.6"	FHD (1920x1080)	Anti-glare	-	TN	220 nits	16:9	500:1		45% NTSC	90°		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	250 nits	16:9	700:1		45% NTSC	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	-	IPS	300 nits	16:9	1200:1	100% sRGB	170°	Limited warranty				<i>One of the following, configurable by model:</i> • 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	Multi-touch	IPS	300 nits	16:9	800:1	45% NTSC	170°					Mil-Spec test	Work in progress									
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™											<i>One of the following, configurable by model:</i> • 802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 card • Intel® Wi-Fi 6 AX200, 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 <i>Top cover:</i> Aluminum <i>Bottom:</i> PC/ABS plastic														

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

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