

# ThinkBook 14 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, 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	Power-on password, hard disk password, supervisor password, Kensington lock slot 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 the 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>
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										Max battery life	<i>(60Wh battery is not available for the 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>
Display	Size	Resolution	Surface	Touch	Type	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	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>
	14.0"	FHD (1920x1080)	Anti-glare	-	TN	220 nits	16:9	500:1	45% NTSC	90°	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)
	14.0"	FHD (1920x1080)	Anti-glare	-	IPS	250 nits	16:9	700:1	45% NTSC	170°	Limited warranty	<i>One of the following, configurable by model:</i> • 1-year depot repair service • 1-year depot with 2-year system board repair service • 2-year/1-yr battery depot repair service
	14.0"	FHD (1920x1080)	Anti-glare	-	IPS	300 nits	16:9	1200:1	100% sRGB	170°	Mil-Spec test	Work in progress
	14.0"	FHD (1920x1080)	Anti-glare	Multi-touch	IPS	300 nits	16:9	700:1	45% NTSC	170°	Environment	ENERGY STAR® 8.0; ErP lot3, TUV Low Blue Light certified (IPS display only), RoHS-compliant
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 5.0, M.2 card											
Dimensions	WxDxH: 12.72" x 8.58" x 0.7"; 323mm x 218mm x 17.9mm											
Weight	Starting at 3.09 lbs / 1.4 kg											
Case color	Mineral grey, dual tone design											
Case material	<i>Top cover:</i> Aluminum <i>Bottom:</i> Aluminum											

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

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