

IdeaCentre G5 14AMR05 90Q1004SGE

Product

IdeaCentre G5 14AMR05

Region

WE

Country/Region

Germany

Machine Type

90Q1

Processor

AMD Ryzen 5 3600 (6C / 12T, 3.6 / 4.2GHz, 3MB L2 / 32MB L3)

Graphics

NVIDIA GeForce GTX 1650 SUPER 4GB GDDR6

Chipset

AMD PRO 565

Memory

1x 8GB UDIMM DDR4-3200

Storage

512GB SSD M.2 2242 PCIe NVMe + 1TB HDD 7200rpm 3.5"

Optical

None

Ethernet

Integrated 100/1000M

Media Reader

3-in-1 Card Reader

WLAN + Bluetooth

11ac, 2x2 + BT5.0

Color

Raven Black

Keyboard

USB Calliope Keyboard, Black, German

Mouse

USB Calliope Mouse, Black

System Fan

1x Front + 1x Rear

Power Supply

310W 92% Energy Star

Additional Certificates

None

Operating System

None

Bundled Software

None

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

195477014053

End of Support

2026-09-07

Announce Date

2020-09-29



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AMD

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IdeaCentre G5 14AMR05 Platform Specifications

Product Specifications Reference (PSREF)

Processor	AMD Ryzen™ 5 / 7 series processors						WLAN	Some: 11ac Wi-Fi + Bluetooth 5.0 combo adapter, M.2 card, 2x2 Some: 11ax Wi-Fi + Bluetooth 5.0 combo adapter, M.2 card, 2x2
	Processor	Cores / Threads	Frequency Base/Max	L2 / L3 Cache	Memory Sup-port (Up to)	Processor Graphics	Bluetooth™ Ethernet	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter One gigabit ethernet port
	Ryzen 5 3600	6 / 12	3.6 / 4.2GHz	3MB / 32MB	DDR4-3200	-	Security features	Power-on password, administrator password, hard-disk password
	Ryzen 7 3700X	8 / 16	3.6 / 4.4GHz	4MB / 32MB	DDR4-3200	-	Keyboard Mouse	Lenovo Calliope Keyboard (USB connector), black Lenovo Calliope Mouse (USB connector), black
Memory	32GB max, DDR4-3200*, two 288-pin DIMM sockets, dual-channel capable * System automatically clocks down for the processors with lower memory controller						Mechanical	- Tower (13.6L), Raven Black chassis with Chameleon front bezel (WxDxH) with bezel: 5.71" x 11.5" x 14.37"; 145mm x 292.2mm x 365mm - Approx 12.79 lb (5.8 kg), weight may vary by configuration - Optional front system fan, rear system fan - Front panel lighting effect - Bay 1: 3.5", disk bay, - Slot 1: PCIe 3.0 x16 - Slot 2: PCIe 3.0 x1 - Slot 3: PCIe 3.0 x1 - M.2 card slots: one for WLAN, one for M.2 SSD
Storage	Some: Hard Drive / SATA 6.0Gb/s, 3.5", 7200 rpm Some: M.2 SSD (2242 / 2280) / PCIe NVMe, PCIe 3.0 x2 or PCIe 3.0 x4						Power supply	Some: 260 watts, autosensing, 85% PSU Some: 310 watts, autosensing, 92% PSU Some: 380 watts, autosensing, 92% PSU
Optical (opt)	None						Limited warranty	1-year, mail-in service / service upgrades available 1-year or 2-year, depot repair service / service upgrades available
Onboard SATA	Three onboard SATA 6.0Gb/s connectors						Preload	Preloaded operating system Some: Windows® 10 Home 64 Some: Windows 10 Pro 64 Preloaded applications Microsoft Office
Media reader	Optional 3-in-1 media card reader (SD / SDHC / SDXC)						Environment	ENERGY STAR 8.0; ErP Lot 3; RoHS-compliant
Graphics	Some: NVIDIA® GeForce® RTX™ 2060 , 6GB GDDR6, DirectX 12, one HDMI, three DisplayPort™; Max resolution: 7680x4320 (HDMI)@30Hz; 7680x4320 (DP)@60Hz Some: NVIDIA GeForce GTX 1660 SUPER 6GB GDDR6, DirectX 12, one HDMI, one DVI, one DP; Max resolution: 4096x2160 (HDMI)@60Hz; 5120x3200 (DP)@60Hz 2560x1660(DVI)@60Hz Some: NVIDIA GeForce GTX 1650 SUPER , 4GB GDDR6, DirectX 12, one HDMI, two DP; Max resolution: 4096x2160@60Hz (HDMI); 7680x4320 (DP)@30Hz; Some: NVIDIA GeForce GTX 1650 , 4GB GDDR5, DirectX 12, one HDMI, two DP; Max resolution: 4096x2160 (HDMI)@60Hz; 7680x4320 (DP)@30Hz; Some: AMD Radeon™ RX 5500 , 4GB GDDR6, DirectX 12, one HDMI, three DP; Max resolution: 4096x2160@60Hz (HDMI); 7680x4320 (DP)@60Hz; Some: AMD Radeon™ RX 550X , 4GB GDDR5, DirectX 12, one HDMI, one DP, one VGA; Max resolution: 4096x2160 (HDMI)@60Hz; 3840x2160 (DP)@60Hz; 2048x1536 (VGA)@85Hz						Accessories	For compatible accessories, please go to http://smartfind.lenovo.com
Chipset	AMD PRO 565							
Front ports	Two USB 3.2 Gen2, one USB 3.2 Type-C Gen2, one headphone / microphone combo jack (3.5mm), optional media reader							
Rear ports	Four USB 2.0, one VGA, one HDMI, one ethernet (RJ-45), line-out (3.5mm)							
Audio support	High Definition (HD) Audio Realtek ALC222							

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

Lenovo, August 2020

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