

IdeaCentre G5 14IMB05 [90N9008UGE](#)

Product

IdeaCentre G5 14IMB05

Region

WE

Country/Region

Germany

Machine Type

90N9

Processor

Intel Core i5-10400F (6C / 12T, 2.9 / 4.3GHz, 12MB)

Graphics

NVIDIA GeForce GTX 1660 SUPER 6GB GDDR6

Chipset

Intel B460

Memory

2x 8GB DIMM DDR4-2933

Storage

512GB SSD M.2 2242 NVMe

Optane Memory

None

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

Operating System

Windows 10 Home 64, German

Bundled Software

None

Base Warranty

2-year, Depot

Bundled Service

None

End of Support

N/A

Announce Date

2020-06-22



WWW.LENOVO.COM

Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area.

Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors.

Lenovo provides this publication “as is” without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<https://psref.lenovo.com>

Visit psref website for the latest version of Product Specifications Reference.

© Lenovo, 2020. All rights reserved.



Lenovo™

IdeaCentre G5 14IMB05 Intel Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel Core™ i3 / i5 / i7 Processors						Audio support	High Definition (HD) Audio Realtek ALC222-CG
	Processor	Cores / Threads	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics	WLAN	<i>Some:</i> 11ac Wi-Fi + Bluetooth 5.0 combo adapter, M.2 card, 2x2 <i>Some:</i> 11ax Wi-Fi + Bluetooth 5.0 combo adapter, M.2 card, 2x2
	Core i3-10100	4 / 8	3.6 / 4.3 GHz	6 MB	DDR4-2666	UHD 630	Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
	Core i5-10400	6 / 12	2.9 / 4.3 GHz	12 MB	DDR4-2666	UHD 630	Ethernet	One gigabit ethernet port
	Core i5-10400F	6 / 12	2.9 / 4.3 GHz	12 MB	DDR4-2666	None	Security features	Power-on password, administrator password, hard-disk password
	Core i7-10700	8 / 16	2.9 / 4.8 GHz	16 MB	DDR4-2933	UHD 630	Keyboard	Lenovo Calliope Keyboard (USB connector), black
	Core i7-10700F	8 / 16	2.9 / 4.8 GHz	16 MB	DDR4-2933	None	Mouse	Lenovo Calliope Mouse (USB connector), black
Memory	32GB max, DDR4-2933*, 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: slim optical bay - Bay 2: 3.5", disk bay - Bay 3: 2.5", disk bay - Slot 1: PCIe 3.0 x16 - Slot 2: PCIe 3.0 x1 - M.2 card slots: one for WLAN, one for M.2 SSD / Optane
Storage	<i>Some:</i> Hard Drive / SATA 6.0Gb/s, 3.5", 7200 rpm <i>Some:</i> M.2 Solid State Drive (SSD) / PCIe NVMe <i>Some:</i> Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe						Power supply	<i>Some:</i> 260 watts, autosensing, 85% PSU <i>Some:</i> 310 watts, autosensing, 92% PSU <i>Some:</i> 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 <i>Some:</i> Windows® 10 Home 64 <i>Some:</i> Windows 10 Pro 64 Preloaded applications (only some listed) • Microsoft Office • Lenovo® Vantage • McAfee® LiveSafe™ (1 year version) • PowerDVD (DVD±RW) • Power2GO (DVD±RW)
Media reader	Optional 3-in-1 media card reader (SD / SDHC / SDXC)						Environment	ENERGY STAR® 8.0 (on some mode);ErP Lot 3; RoHS-compliant
Graphics	<i>Some:</i> Intel UHD Graphics 610/630 in processor, one HDMI™, one VGA, supports up to 2 independent displays, more displays support via discrete graphics; Max resolution: 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@50Hz <i>Some:</i> NVIDIA® GeForce® RTX™ 2060 , 6GB GDDR6, DirectX 12, one HDMI, three DisplayPort™; Max resolution: 7680x4320 (HDMI)@30Hz; 7680x4320 (DP)@60Hz <i>Some:</i> 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 <i>Some:</i> NVIDIA GeForce GTX 1650 SUPER , 4GB GDDR6, DirectX 12, one HDMI, two DP; Max resolution: 4096x2160 (HDMI)@60Hz; 5120x3200 (DP)@60Hz <i>Some:</i> AMD Radeon™ RX 5500 , 4GB GDDR6, DirectX 12, one HDMI, three DP; Max resolution: 4096x2160@60Hz (HDMI); 7680x4320 (DP)@60Hz;						Accessories	For compatible accessories, please go to http://smartfind.lenovo.com
Chipset	Intel B460 platform							
Front ports	Two USB 3.2 Gen1, one USB 3.2 Type-C Gen1, 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)							

Note: The specifications above may not be available in all regions.

Lenovo, May 2020

Lenovo™

IdeaCentre G5 14IMB05

