

IdeaCentre 3 07IMB05 90NB008QGE

Product

IdeaCentre 3 07IMB05

Region

WE

Country/Region

Germany

Machine Type

90NB

Processor

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

Graphics

Integrated Intel UHD Graphics 630

Chipset

Intel B460

Memory

2x 8GB UDIMM DDR4-2933

Storage

512GB SSD M.2 2280 PCIe 3.0x4 NVMe

Optane Memory

None

Optical

None

Ethernet

Integrated 100/1000M

Card Reader

7-in-1 Card Reader

WLAN + Bluetooth

11ac, 2x2 + BT5.0

Case Color

Mineral Grey

Keyboard

USB Calliope Keyboard, Black, German

Mouse

USB Calliope Mouse, Black

System Fan

None

Power Supply

260W 85% Energy Star

Additional Certificates

None

Operating System

None

Bundled Software

None

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

195348951951

End of Support

2026-06-25

Announce Date

2020-09-24

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IdeaCentre 3 07IMB05 Intel Platform Specifications

Product Specifications Reference (PSREF)

Processor	Intel® Celeron®, Intel Pentium® or 10th Generation Intel Core™ i3 / i5 / i7 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)	Cache	Memory Types	Integrated Graphics	Bluetooth™ Ethernet	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter One gigabit ethernet port
	Celeron G5900	2 / 2	3.4 GHz	2 MB	DDR4-2666	UHD 610		
	Pentium Gold G6400	2 / 4	4.0 GHz	4 MB	DDR4-2666	UHD 610		
	Core i3-10100	4 / 8	3.6 / 4.3 GHz	6 MB	DDR4-2666	UHD 630		
	Core i5-10400	6 / 12	2.9 / 4.3 GHz	12 MB	DDR4-2666	UHD 630		
	Core i5-10400F	6 / 12	2.9 / 4.3 GHz	12 MB	DDR4-2666	None		
	Core i7-10700	8 / 16	2.9 / 4.8 GHz	16 MB	DDR4-2933	UHD 630		
	Core i7-10700F	8 / 16	2.9 / 4.8 GHz	16 MB	DDR4-2933	None		
Memory	32GB max, DDR4-2666*, two 288-pin DIMM sockets, dual-channel capable * System automatically clocks down for the processors with lower memory controller						Security features	Power-on password, administrator password, hard-disk password
Storage	Some: Hard Drive / SATA 6.0Gb/s, 3.5", 7200 rpm Some: M.2 Solid State Drive (SSD) / PCIe NVMe Some: Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe						Keyboard Mouse	Lenovo Calliope Keyboard (USB connector), black Lenovo Calliope Mouse (USB connector), black
Optical (opt) Onboard SATA Media reader	DVD Burner (DVD±RW), slim, 9.0mm high Three onboard SATA 6.0Gb/s connectors Optional 7-in-1 media reader (SD, SDHC, SDXC, MMC, MS, MS-Pro, MMC plus)						Mechanical	<ul style="list-style-type: none"> SFF (7.4L), Mineral Grey, metal case (WxDxH) with bezel: 3.93" x 10.8" x 12.3"; 100mm x 274.5mm x 312.5mm Approx 9.59 lb (4.35kg), weight may vary by configuration 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
Graphics	Some: Intel UHD Graphics 610/630 in processor, uses main memory, one HDMI™, one VGA, supports 2 independent displays; Max resolution: 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@50Hz Some: NVIDIA® GeForce® GT 730 , 2GB GDDR5, DirectX 12, one HDMI, one VGA; Max resolution: 3840x2160 (HDMI)@30Hz; 2048x1536 (VGA)@75Hz						Power supply	Some: 180 watts, autosensing, 85% PSU Some: 260 watts, autosensing, 85% PSU
Chipset	Intel B460 platform						Limited warranty	<ul style="list-style-type: none"> 1-year, mail-in service / service upgrades available 1-year or 2-year, depot repair service / service upgrades available
Front ports	Four USB 3.2 Gen 1, one headphone / microphone combo jack (3.5mm), one microphone, optional media reader						Preload	Preloaded operating system Some: Windows® 10 Home 64 Some: Windows 10 Pro 64 Preloaded applications (only some listed) <ul style="list-style-type: none"> Microsoft Office Lenovo® Vantage McAfee® LiveSafe™ (1 year version) PowerDVD (DVD±RW) Power2GO (DVD±RW)
Rear ports	Two USB 3.2 Gen 1, two USB 2.0, one VGA, one HDMI, one ethernet (RJ-45), line-out (3.5mm)						Environment	ENERGY STAR 8.0 (MT:90NS); ErP Lot 3; RoHS-compliant
Audio support	High Definition (HD) Audio Realtek ALC222-CG						Accessories	For compatible accessories, please go to http://smartfind.lenovo.com

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

Lenovo, June 2020



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