

IdeaCentre 3 07IMB05 90NB0097GE

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 4GB 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

Windows 10 Home 64, German

Bundled Software

None

Base Warranty

2-year, Depot

Bundled Service

None

EAN / UPC / JAN

195477104501

End of Support

2026-06-25

Announce Date

2020-10-05

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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	Security features	Power-on password, administrator password, hard-disk password
	Pentium Gold G6400	2 / 4	4.0 GHz	4 MB	DDR4-2666	UHD 610	Keyboard Mouse	Lenovo Calliope Keyboard (USB connector), black Lenovo Calliope Mouse (USB connector), black
	Core i3-10100	4 / 8	3.6 / 4.3 GHz	6 MB	DDR4-2666	UHD 630	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
	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						Power supply	Some: 180 watts, autosensing, 85% PSU Some: 260 watts, autosensing, 85% PSU
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						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
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)						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)
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						Environment	ENERGY STAR 8.0 (MT:90NS); ErP Lot 3; RoHS-compliant
Chipset	Intel B460 platform						Accessories	For compatible accessories, please go to http://smartfind.lenovo.com
Front ports	Four USB 3.2 Gen 1, one headphone / microphone combo jack (3.5mm), one microphone, optional media reader							
Rear ports	Two USB 3.2 Gen 1, two USB 2.0, one VGA, one HDMI, one ethernet (RJ-45), line-out (3.5mm)							
Audio support	High Definition (HD) Audio Realtek ALC222-CG							

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

Lenovo, June 2020



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