## Lenovo

## IdeaCentre 3 07IMB05 90NB005KGE

**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

NVIDIA GeForce GT 730 2GB GDDR5

Chipset

Intel B460

Memory

2x 8GB UDIMM DDR4-2933

Storage

512GB SSD M.2 2242 PCIe NVMe

**Optane Memory** 

None

Optical

None

Ethernet

Integrated 100/1000M

Media Reader

7-in-1 Card Reader

WLAN + Bluetooth

11ac, 2x2 + BT5.0

Color

Mineral Grey

Keyboard

USB Calliope Keyboard, Black, German

Mouse

USB Calliope Mouse, Black

System Fan

2x Default

**Power Supply** 

260W 85% Energy Star

Operating System

Windows 10 Home 64, German

**Bundled Software** 

None

Base Warranty

2-year, Depot

**Bundled Service** 

None

EAN/UPC/JAN

195235844953

**End of Support** 

N/A

Announce Date

2020-07-10

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.



## IdeaCentre 3 07IMB05 Intel Platform Specifications

* System automatically clocks down for the processors with lower memory controller  Storage  Some: Hard Drive / SATA 6.0Gb/s, 3.5", 7200 rpm Some: M.2 Solid State Drive (SSD) / PCle NVMe Some: Intel Optane® Memory H10 with Solid State Storage, M.2 2280, PCle NVMe Optical (opt) Onboard SATA Media reader Optional 7-in-1 media reader (SD, SDHC, SDXC, MMC, MS, MS-Pro, MMC plus)  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  Chipset  Intel B460 platform  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)  *System automatically clocks down for the processor, with lower memory controller  Some: Hard Drive / SATA 6.0Gb/s, 3.5", 7200 rpm M.2 card slots: one for WLAN, one for M.2 SSD / Optane  Some: 180 watts, autosensing, 85% PSU  Some: 190 watts, autosensing, 85% PSU  Some: 260 watts, autosensing, 85% PSU  Limited warranty  • 1-year, mail-in service / service upgrades available  • 1-year or 2-year, depot repair service / service upgrades available  *Preload*  Preload*  Power Windows* 10 Home 64  Some: Windows* 10 Home 64  Some: Windows* 10 Por 64  Preloaded applications (only some listed)  • Microsoft Office  • Lenovo® Vantage  • Lenovo® Vantage  • Lenovo® Vantage  • McAfee® LiveSafe® (1 year version)  • PowerDVD (DVD±RW)  • Power2GO (DVD±RW)  • Power2GO (DVD±RW)  For compatible accessories, please go to http://smartfind.lenovo.com	Discours Liste Colorage Listed Depth with a state Court of Court o									
Pentium Gold G6400   2/4   4.4 GHz   4 MB   DDR4-2666   UHD 610	Processor		Cores /	Frequency			Integrated	Bluetooth™	Some: 11ax Wi-Fi + Bluetooth 5.0 combo adapter, M.2 card, 2x2 Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter	
Core i3-10100 4/8 3.6/4.3 GHz 6 MB DDR4-2866 UHD 630 Core i5-10400 6/12 2.9/4.3 GHz 12 MB DDR4-2866 UHD 630 Core i5-10400 6/12 2.9/4.3 GHz 12 MB DDR4-2866 UHD 630 Core i5-10400F 6/12 2.9/4.3 GHz 12 MB DDR4-2866 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 UHD 630 Core i7-10700F 8/16 2.9/4.8 GHz 16 MB DDR4-2933 None  Memory 6/46B max, DDR4-2666*, two 288-pin DIMM sockets, dual-channel capable 's ystem automatically clocks down for the processors with lower memory controller  Storage Some: Hard Drive / SATA 6.0Gb/s, 3.5", 7200 rpm Some: N. 2 Solid State Drive (SDJ) / PCIe NVMe Some: Intel Optane" Memory H10 with Solid State Storage, M2 2280, PCIe NVMe DDD 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)  Some: Intel UHD Graphics 610/6830 in processor, uses main memory, one HDMI, one VGA, supports 2 independent displays; Max resolution: 3940x2160 (HDMI) @24Hz; 2048x1536 (VGA) @50Hz Some: Windows 10 Pro 64 Preloaded operating system  Some: Windows 10 Pro 64 Preloaded operating system  Some: Windows 10 Pro 64 Preloaded operating system  Max resolution: 3940x2160 (HDMI) @30Hz; 2048x1536 (VGA) @75Hz  Rear ports  Four USB 3.2 Gen 1, two USB 2.0, one VGA, one HDMI, one ethernet (RJ-45), line-plone, optional media reader  We USB 3.2 Gen 1, two USB 2.0, one VGA, one HDMI, one ethernet (RJ-45), line-plone, optional media reader  We USB 3.2 Gen 1, two USB 2.0, one VGA, one HDMI, one ethernet (RJ-45), line-plone, optional media reader  We USB 3.2 Gen 1, two USB 2.0, one VGA, one HDMI, one ethernet (RJ-45), line-plone, optional media reader  We USB 3.2 Gen 1, two USB 2.0, one VGA, one HDMI, one ethernet (RJ-45), line-plone, optional media reader  We USB 3.2 Gen 1, two USB 2.0, one VGA, one HDMI, one ethernet (RJ-45), line-plone, optional media reader  We USB 3.2 Gen 1, two USB 2.0, one VGA, one HDMI, one ethernet (RJ-45), line-plone, optional media reader  We USB 3.2 Ge		Celeron G5900	2/2	3.4 GHz	2 MB	DDR4-2666	UHD 610	Ethernet	One gigabit ethernet port	
Core i5-10400   6 / 12   2.9 / 4.3 GHz   12 MB   DDR4-2666   UHD 630							UHD 610	Security features Power-on password, administrator password, hard-disk password		
Memory   Storage   Some: Hard Drive / SATA 6.0Gb/s, 3.5", 7200 rpm   Some: Intel Optane" Memory Horizondal SATA   Some: Intel Optane Memory Horizondal SATA   Some: Intel Optane							UHD 630	Keyboard	Lenovo Calliope Keyboard (USB connector), black	
Core i7-10700		Core i5-10400	Core i5-10400 6 / 12 2.9 / 4.3 GHz 12 MB DDR4-2666 UHD 630				UHD 630	Mouse	Lenovo Calliope Mouse (USB connector), black	
Approx 9.59 lb (4.35kg), weight may vary by configuration		Core i5-10400F	6 / 12	2.9 / 4.3 GHz	12 MB	DDR4-2666	None	Mechanical	• Tower (7.4L), Mineral Grey, metal case	
Memory 64GB max, DDR4-2666*, two 288-pin DIMM sockets, dual-channel capable  * System automatically clocks down for the processors with lower memory controller  Storage  Some: Hard Drive / SATA 6.0Gb/s, 3.5", 7200 rpm  Some: M.2 Solid State Drive (SSD) / PCIe NVMe Some: M.2 2280, PCIe NVMe Optical (opt) Onboard SATA Media reader Optional 7-in-1 media reader (SD, SDHC, SDXC, MMC, MS, MS-Pro, MMC plus)  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  Chipset  Intel B460 platform  Front ports Four USB 3.2 Gen 1, one headphone / microphone combo jack (3.5mm), one microphone, optional media reader Two USB 3.2 Gen 1, two USB 2.0, one VGA, one HDMI, one ethernet (RJ-45), line-out (3.5mm)  Memory  64GB max, DDR4-2666*, two 288-pin DIMM sockets, dual-channel capable  *System automatically clocks down for the processors with lower memory controller  Some: Marc Solid State Drive (SSD) / PCIE NVMe Some: M.2 236, 0x16 Slot 2: PCle 3.0 x1 M.2 card slots: one for WLAN, one for M.2 SSD / Optane  *Some: 180 watts, autosensing, 85% PSU  Limited warranty  1-year, mail-in service / service upgrades available  1-year or 2-year, depot repair service / service upgrades available  1-year or 2-year, depot repair service / service upgrades available  1-year or 2-year, depot repair service / service upgrades available  1-year or 2-year, depot repair service / service upgrades available  1-year or 2-year, depot repair service / service upgrades available  1-year or 2-year, depot repair service / service upgrades available  1-year or 2-year, depot repair service / service upgrades available  1-year or 2-year, depot repair service / service upgrades available  1-year or 2-year, depot repair service / service upgrades available  1-year or 2-year, depot repair service /		Core i7-10700 8 / 16 2.9 / 4.8 GHz 16 MB DDR4-2933 UHD 630				DDR4-2933	UHD 630		• (WxDxH) with bezel: 3.93" x 10.8" x 12.3"; 100mm x 274.5mm x 312.5mm	
Storage  Some: Hard Drive / SATA 6.0Gb/s, 3.5", 7200 rpm Some: M.2 Solid State Drive (SSD) / PCle NVMe Some: Intel Optane Memory H10 with Solid State Storage, M.2 2280, PCle NVMe Optical (opt) Onboard SATA Media reader Optional 7-in-1 media reader (SD, SDHC, SDXC, MMC, MS, MS-Pro, MMC plus) Graphics  Some: Intel UHD Graphics 610/630 in processor, uses main memory, one HDMI.", one VGA, supports 2 independent displays; Max resolution: 4096x2160 (HDMI)@30Hz; 2048x1536 (VGA)@50Hz Some: NVIDIA." GeForce* GT 730, 2GB GDDR5, DirectX 12, one HDMI, one VGA; Max resolution: 3840x2160 (HDMI)@30Hz; 2048x1536 (VGA)@75Hz  Chipset  Intel B460 platform  Front ports Four USB 3.2 Gen 1, one headphone / microphone combo jack (3.5mm), one wids.  Rear ports  Bay 3: 2.5", disk bay Slot 1: PCle 3.0 x16 Slot 2: PCle 3.0 x16 Slot 2: PCle 3.0 x1 M.2 card slots: one for WLAN, one for M.2 SSD / Optane  Some: 180 watts, autosensing, 85% PSU  Dower supply Some: 180 watts, autosensing, 85% PSU  Limited warranty  1-year, mail-in service / service upgrades available 1-year or 2-year, depot repair service / service upgrades available 1-year or 2-year, depot repair service / service upgrades available  Preload  Preload  Preloade operating system Some: Windows 10 Home 64 Some: Windows 10 Home 64 Some: Windows 10 Home 64 Some: Windows 10 Pro 64 Preloaded applications (only some listed)  Microsoft Office Lenovo* Vantage McAres* LiveSafe* (1 year version)  McAres* LiveSafe* (1 year version)  McAres* LiveSafe* (1 year version)  PowerDVD (DVD±RW)  PowerDVD (DVD±RW)  Environment  Environment  Environment  Environment  Environment  Environment  Accessories  For compatible accessories, please go to http://smartfind.lenovo.com		Core i7-10700F	8 / 16	2.9 / 4.8 GHz	16 MB	DDR4-2933	None		Bay 1: slim optical bay	
Storage  Some: M.2 Solid State Drive (SSD) / PCIe NVMe Some: Intel Optane" Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe Optical (opt) Optical (opt) Optical (opt) Optical Free onboard SATA Media reader  Graphics  Some: Intel UHD Graphics 610/630 in processor, uses main memory, one H0Ml", one VGA, supports 2 independent displays; Max resolution: 3840x2160 (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  Chipset  Intel B460 platform  Four USB 3.2 Gen 1, one headphone / microphone combo jack (3.5mm), one microphone, optional media reader Two USB 3.2 Gen 1, two USB 2.0, one VGA, one HDMI, one ethernet (RJ-45), line-out (3.5mm)  Some: N.2 Solid State Drive (SSD) / PCIe NVMe Some: M.2 card slots: one for WLAN, one for M.2 SSD / Optane  Some: 180 watts, autosensing, 85% PSU  Some: 180 watts, autosensing, 85% PSU  Dimited warranty  1-year, mail-in service / service upgrades available 1-year or 2-year, depot repair service / service upgrades available  Preloade Preloade operating system Some: Windows 10 Pro 64 Preloaded applications (only some listed)  McAfee® LiveSafe® (1 year version) PowerDVD (DVD±RW) PowerDVD (DVD±RW) PowerSUVD (DVD±RW)  Power Supply Some: 180 watts, autosensing, 85% PSU  Limited warranty 1-year, mail-in service / service upgrades available Preloade operating system Some: Windows 10 Pro 64 Preloaded applications (only some listed)  McAfee® LiveSafe® (1 year version) PowerDVD (DVD±RW) PowerDVD (DVD±RW) PowerPVD (DVD±RW)	Memory								Baý 3: 2.5", disk baý	
Optical (opt) Onboard SATA Media reader  Graphics  Some: Intel UHD Graphics 610/630 in processor, uses main memory, one HDMI, one VGA, supports 2 independent displays; Max resolution: 396x2160 (HDMI) @ 24Hz; 2048x1536 (VGA) @ 75Hz  Chipset  Intel B460 platform  Font ports  Four USB 3.2 Gen 1, one headphone / microphone combo jack (3.5mm), one microphone, optional media reader  Rear ports  M.2 2280, PCIe NVMe DVD Burner (DVD±RW), slim, 9.0mm high Three onboard SATA Modia reader DVD Burner (DVD±RW), slim, 9.0mm high Three onboard SATA Optional 7-in-1 media reader (SD, SDHC, SDXC, MMC, MS, MS-Pro, MMC plus)  Limited warranty 1-year, mail-in service / service upgrades available 1-year or 2-year, depot repair service / service upgrades available 1-year or 2-year, depot repair service / service upgrades available Preloaded operating system Some: Windows 10 Home 64 Some: Windows 10 Home 64 Some: Windows 10 Pro 64 Preloaded applications (only some listed)  Microsoft Office Lenovo® Vantage McAfee® LiveSafe® (1 year version) PowerDVD (DVD±RW) Power2GO (DVD±RW) Power2GO (DVD±RW) Environment Environment Environment Accessories For compatible accessories, please go to http://smartfind.lenovo.com	Storage	Some: M.2 Solid State Drive (SSD) / PCle NVMe Some: Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCle NVMe DVD Burner (DVD±RW), slim, 9.0mm high							Slot 2: PCle 3.0 x1	
Onboard SATA Media reader Opitonal 7-in-1 media reader (SD, SDHC, SDXC, MMC, MS, MS-Pro, MMC plus)  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  Chipset Intel B460 platform  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)  Limited warranty • 1-year, mail-in service / service upgrades available  1-year or 2-year, depot repair service / service upgrades available  1-year or 2-year, mail-in service / service upgrades available  1-year or 2-year, depot repair service / service upgrades available  1-year or 2-year, mail-in service / service upgrades available  1-year or 2-year, mail-in service / service upgrades available  1-year or 2-year, depot repair service / service upgrades available  1-year or 2-year, depot repair service / service upgrades available  1-year or 2-year, depot repair service / service upgrades available  1-year or 2-year, depot repair service / service upgrades available  1-year or 2-year, depot repair service / service upgrades available  1-year or 2-year, depot repair service / service upgrades available  1-year or 2-year, depot repair service / service upgrades available  1-year or 2-year, depot repair service / service upgrades available  1-year or 2-year, depot repair service / service upgrades available  1-year or 2-year, depot repair service / service upgrades available  1-year or 2-year, depot repair service / service upgrades available  1-year or 2-year, depot repair service / service upgrades available  1-year or 2-year, depot repair service / service upgrades available	Optical (opt)							Power supply		
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  Chipset Intel B460 platform  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)  For compatible accessories, please go to http://smartfind.lenovo.com	Onboard SATA Media reader	Three onboard SATA 6.0Gb/s connectors Opitonal 7-in-1 media reader (SD, SDHC, SDXC, MMC, MS, MS-Pro, MMC plus)						Limited warranty	1-year, mail-in service / service upgrades available     1-year or 2-year, depot repair service / service upgrades available	
Chipset Intel B460 platform  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), lineout (3.5mm)  Environment Accessories For compatible accessories, please go to http://smartfind.lenovo.com	Graphics	one HDMI <sup>™</sup> , 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;						Preload	Some: Windows® 10 Home 64 Some: Windows 10 Pro 64 Preloaded applications (only some listed)  • Microsoft Office	
Front ports Four USB 3.2 Gen 1, one headphone / microphone combo jack (3.5mm), one microphone, optional media reader Two USB 3.2 Gen 1, two USB 2.0, one VGA, one HDMI, one ethernet (RJ-45), line-out (3.5mm)  Environment Accessories For compatible accessories, please go to http://smartfind.lenovo.com	Chipset	Intel B460 platform								
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 For compatible accessories, please go to http://smartfind.lenovo.com	Front ports									
	Rear ports	TWO GOD 6.2 GCT 1, two GOD 2.0, one var, one ribini, one circinet (10 40), inc					(RJ-45), line-			
	Audio support	High Definition (HD) A	udio Realt	ek ALC222-CC	<del></del>				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

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











