

# 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

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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<br>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™<br>Ethernet | Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter<br>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  | 64GB max, DDR4-2666*, two 288-pin DIMM sockets, dual-channel capable<br>* System automatically clocks down for the processors with lower memory controller   |                 |                      |       |              |                     | Keyboard<br>Mouse      | Lenovo Calliope Keyboard (USB connector), black<br>Lenovo Calliope Mouse (USB connector), black   |
| Storage                                       | Some: Hard Drive / SATA 6.0Gb/s, 3.5", 7200 rpm<br>Some: M.2 Solid State Drive (SSD) / PCIe NVMe<br>Some: Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe   |                 |                      |       |              |                     | Mechanical             | <ul style="list-style-type: none"> <li>Tower (7.4L), Mineral Grey, metal case</li> <li>(WxDxH) with bezel: 3.93" x 10.8" x 12.3"; 100mm x 274.5mm x 312.5mm</li> <li>Approx 9.59 lb (4.35kg), weight may vary by configuration</li> <li>Bay 1: slim optical bay</li> <li>Bay 2: 3.5", disk bay</li> <li>Bay 3: 2.5", disk bay</li> <li>Slot 1: PCIe 3.0 x16</li> <li>Slot 2: PCIe 3.0 x1</li> <li>M.2 card slots: one for WLAN, one for M.2 SSD / Optane</li> </ul> |
| Optical (opt)<br>Onboard SATA<br>Media reader | DVD Burner (DVD±RW), slim, 9.0mm high<br>Three onboard SATA 6.0Gb/s connectors<br>Optional 7-in-1 media reader (SD, SDHC, SDXC, MMC, MS, MS-Pro, MMC plus)   |                 |                      |       |              |                     | Power supply           | Some: 180 watts, autosensing, 85% PSU<br>Some: 260 watts, autosensing, 85% PSU  |
| Graphics                                      | Some: <b>Intel UHD Graphics 610/630</b> in processor, uses main memory, one HDMI™, one VGA, supports 2 independent displays;<br>Max resolution: 4096x2160 (HDMI)@24Hz; 2048x1536 (VGA)@50Hz<br>Some: <b>NVIDIA® GeForce® GT 730</b> , 2GB GDDR5, DirectX 12, one HDMI, one VGA;<br>Max resolution: 3840x2160 (HDMI)@30Hz; 2048x1536 (VGA)@75Hz |                 |                      |       |              |                     | Limited warranty       | <ul style="list-style-type: none"> <li>1-year, mail-in service / service upgrades available</li> <li>1-year or 2-year, depot repair service / service upgrades available</li> </ul>   |
| Chipset                                       | <b>Intel B460 platform</b>   |                 |                      |       |              |                     | Preload                | <b>Preloaded operating system</b><br>Some: Windows® 10 Home 64<br>Some: Windows 10 Pro 64<br><b>Preloaded applications (only some listed)</b> <ul style="list-style-type: none"> <li>Microsoft Office</li> <li>Lenovo® Vantage</li> <li>McAfee® LiveSafe™ (1 year version)</li> <li>PowerDVD (DVD±RW)</li> <li>Power2GO (DVD±RW)</li> </ul>   |
| Front ports                                   | Four USB 3.2 Gen 1, one headphone / microphone combo jack (3.5mm), one microphone, optional media reader   |                 |                      |       |              |                     | Environment            | ENERGY STAR 8.0 (MT:90NS); ErP Lot 3; RoHS-compliant  |
| Rear ports                                    | Two USB 3.2 Gen 1, two USB 2.0, one VGA, one HDMI, one ethernet (RJ-45), line-out (3.5mm)  |                 |                      |       |              |                     | Accessories            | For compatible accessories, please go to <a href="http://smartfind.lenovo.com">http://smartfind.lenovo.com</a>  |
| 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

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