

# ideacentre T540-15AMA G 90L50011GE

**Product**

ideacentre T540-15AMA G

**Region**

WE

**Country/Region**

Germany

**Machine Type**

90L5

**Processor**

AMD Ryzen 5 3600 (6C / 12T, 3.6 / 4.2GHz, 3MB L2 / 32MB L3)

**Graphics**

NVIDIA GeForce GTX 1650 4GB GDDR5

**Chipset**

AMD PRO 560

**Memory**

2x 8GB DIMM DDR4-2666

**Storage**

512GB SSD M.2 2280 PCIe NVMe + 1TB HDD 7200rpm 3.5"

**Optical**

None

**Ethernet**

Integrated 100/1000M

**Media Reader**

7-in-1 Card Reader

**WLAN + Bluetooth**

11ac, 1x1 + BT5.0

**Color**

Iron Grey

**Keyboard**

USB Calliope Keyboard, Black, German

**Mouse**

USB Calliope Mouse, Black

**System Fan**

1x Rear

**Power Supply**

210W 85% Energy Star

**Operating System**

Windows 10 Home 64, German

**Bundled Software**

None

**Base Warranty**

2-year, Depot

**Bundled Service**

None

**EAN / UPC / JAN**

194778587464

**End of Support**

N/A

**Announce Date**

2019-10-30



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AMD

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# ideacentre T540-15AMA G Platform Specifications

Product Specifications Reference (PSREF)

|                    |                                                                                                                                                                                                                                                                                                                                                       |                 |                      |          |              |                     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------|----------|--------------|---------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Processor          | AMD Ryzen series APU                                                                                                                                                                                                                                                                                                                                  |                 |                      |          |              |                     | Security features | <ul style="list-style-type: none"><li>● Power-on password</li><li>● Hard-disk password</li><li>● Administrator password</li><li>● Kensington® lock</li></ul>                                                                                                                                                                                                                                                                                                                                                                                          |
|                    | Processor                                                                                                                                                                                                                                                                                                                                             | Cores / Threads | Frequency (Base/Max) | L2 Cache | Memory Types | Integrated Graphics |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                    | Ryzen 5 PRO 2600                                                                                                                                                                                                                                                                                                                                      | 6 / 12          | 3.4 GHz / 3.9 GHz    | 3 MB     | DDR4-2933    | -                   |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                    | Ryzen 5 3600                                                                                                                                                                                                                                                                                                                                          | 6 / 12          | 3.6 GHz / 4.2 GHz    | 3 MB     | DDR4-3200    | -                   |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                    | Ryzen 7 3700X                                                                                                                                                                                                                                                                                                                                         | 8 / 16          | 3.6 GHz / 4.4 GHz    | 4 MB     | DDR4-3200    | -                   |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Memory             | 32GB max, 2666MHz DDR4, two UDIMM sockets<br>* Memory may be underclocked for the lower capability of memory controller in processor                                                                                                                                                                                                                  |                 |                      |          |              |                     | Keyboard (opt)    | Lenovo Calliope Keyboard (USB connector), Fn keys, black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Storage            | Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm<br>Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4                                                                                                                                                                                                                                                                    |                 |                      |          |              |                     | Mouse (optional)  | Lenovo Calliope Mouse (USB connector),black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Optical (optional) | None                                                                                                                                                                                                                                                                                                                                                  |                 |                      |          |              |                     | Mechanical        | <ul style="list-style-type: none"><li>● Tower (15L), mineral grey, metal case</li><li>● (WxDxH) with bezel: 5.7" x 11.9" x 14.4"; 145mm x 302.7mm x 366mm</li><li>● Approx 13.76 lb (6.24 kg), weight may vary by configuration</li><li>Bay 1: 3.5", HDD internal bay</li><li>Slot 1: full-length full-height, PCIe 3.0 x16</li><li>Slot 2: full-length full-height, PCIe 3.0 x1</li><li>Slot 3: full-length full-height, PCIe 3.0 x1</li><li>Slot 4: full-length full-height, PCI x1</li><li>M.2 card slots: one for WLAN, one for M.2 SSD</li></ul> |
| Onboard SATA       | SATA 6.0Gb/s controller, three SATA connectors                                                                                                                                                                                                                                                                                                        |                 |                      |          |              |                     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Media reader       | Optional 7-in-1 media reader                                                                                                                                                                                                                                                                                                                          |                 |                      |          |              |                     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Graphics           | Some: <b>NVIDIA GeForce GTX 1650, 4GB GDDR5</b> , DirectX 12, VR ready, one HDMI, two DP;<br>Max resolution: 4096x2160 (HDMI)@60Hz; 7680x4320 (DP)@60Hz;<br>Some: <b>NVIDIA GeForce GTX 1660 Ti, 6GB GDDR6</b> , DirectX 12, VR ready, one DVI, one HDMI, one DP;<br>Max resolution: 4096x2160 (HDMI)@60Hz; 5120x2880 (DP)@60Hz; 2560x1600 (DVI)@60Hz |                 |                      |          |              |                     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Chipset            | AMD PRO 560 chipset                                                                                                                                                                                                                                                                                                                                   |                 |                      |          |              |                     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Front ports*       | two USB 3.1 Gen 1, two USB 3.1 Gen 2, one headphone jack (3.5mm), one microphone jack (3.5mm), optional media reader                                                                                                                                                                                                                                  |                 |                      |          |              |                     | Power supply      | Some: 210 watts, autosensing, universal (100V-240V)<br>Some: 310 watts, autosensing, universal (100V-240V)                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Rear ports*        | two USB 2.0, two USB 3.1 Gen 1, ethernet (RJ-45), power connector<br>* Depending on many factors, actual data transfer speed may be lower than theoretical speed                                                                                                                                                                                      |                 |                      |          |              |                     | Limited warranty  | <ul style="list-style-type: none"><li>● 1-year, limited mail-in service / service upgrades available</li><li>● 1-year or 2-year, depot repair service / service upgrades available</li></ul>                                                                                                                                                                                                                                                                                                                                                          |
| Rear audio ports   | Line-in (3.5mm), line-out (3.5mm), microphone-in (3.5mm)                                                                                                                                                                                                                                                                                              |                 |                      |          |              |                     | Preload           | Preloaded operating system<br>Windows® 10 Home 64<br>Preloaded applications (only some listed) <ul style="list-style-type: none"><li>● Lenovo® Vantage</li><li>● Lenovo PC Manager</li><li>● Lenovo Anti-Virus Plus</li><li>● McAfee Live Safe</li></ul>                                                                                                                                                                                                                                                                                              |
| Audio support      | High Definition (HD) Audio, Realtek® ALC662                                                                                                                                                                                                                                                                                                           |                 |                      |          |              |                     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| WLAN (optional)    | Some: 11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 1x1<br>Some: 11ac, M.2 Card, Wi-Fi + Bluetooth combo adapter, 2x2                                                                                                                                                                                                                              |                 |                      |          |              |                     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Bluetooth™ (opt)   | Bluetooth 4.2 wireless, integrated in Wi-Fi + Bluetooth combo adapter                                                                                                                                                                                                                                                                                 |                 |                      |          |              |                     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Ethernet           | One gigabit ethernet port                                                                                                                                                                                                                                                                                                                             |                 |                      |          |              |                     |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                    |                                                                                                                                                                                                                                                                                                                                                       |                 |                      |          |              |                     | Environment       | ENERGY STAR® 7.0; ErP Lot 3; RoHS-compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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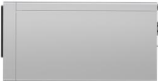
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