# Acer Veriton M M6690G Intel® Core™ i7 i7-12700 16 GB DDR4-SDRAM 512 GB SSD NVIDIA® GeForce® GTX 1650 Windows 11 Home Desktop PC Black

**Brand :** Acer **Product family:** Veriton **Product code:** DT.VWVAA.003

**Product name :** M6690G

- Windows 11 Home 64-bit
- Intel Core i7-12700 (25MB Cache)
- NVIDIA GeForce GTX 1650 (4GB GDDR5)
- 16GB DDR4-SDRAM & 512GB SSD

Intel Core i7-12700 (25MB Cache), 16GB DDR4-SDRAM, 512GB SSD, DVD±RW, Intel UHD Graphics 770, NVIDIA GeForce GTX 1650 (4GB GDDR5), LAN, WLAN, Bluetooth, Windows 11 Home 64-bit

Acer Veriton M M6690G. Processor family: Intel® Core™ i7, Processor model: i7-12700. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD, Optical drive type: DVD±RW. On-board graphics card model: Intel UHD Graphics 770, Discrete graphics card model: NVIDIA® GeForce® GTX 1650. Operating system installed: Windows 11 Home, Operating system architecture: 64-bit. Power supply: 500 W. Chassis type: Desktop. Product type: PC. Product colour: Black

| Processor | |
|---|---|
| Processor manufacturer * | Intel |
| Processor family * | Intel® Core™ i7 |
| Processor generation | 12th gen Intel® Core™ i7 |
| Processor model * | i7-12700 |
| Processor cores | 12 |
| Processor threads | 20 |
| Processor boost frequency | 4.9 GHz |
| Performance cores | 8 |
| Efficient cores | 4 |
| Performance-core Max Turbo Frequency | 4.8 GHz |
| Efficient-core Max Turbo Frequency | 3.6 GHz |
| Performance-core base frequency | 2.1 GHz |
| Efficient-core base frequency | 1.6 GHz |
| Processor cache | 25 MB |
| Processor cache type | Smart Cache |
| Bus type | DMI4 |
| Number of processors installed | 1 |
| Processor base power | 65 W |
| Maximum turbo power | 180 W |

| Memory | |
|---|---|
| Internal memory * | 16 GB |
| Maximum internal memory * | 128 GB |
| Internal memory type | DDR4-SDRAM |

| Graphics | |
|---|---|
| On-board graphics card model * | Intel UHD Graphics 770 |

| Network | |
|---|---|
| Ethernet LAN * | ✔ |
| Ethernet LAN data rates | 10,1000,100 Mbit/s |
| Cabling technology | 10/100/1000Base-T(X) |
| Wi-Fi * | ✔ |
| Top Wi-Fi standard | Wi-Fi 6 (802.11ax) |
| Wi-Fi standards | Wi-Fi 6 (802.11ax) |
| Bluetooth | ✔ |

| Ports & interfaces | |
|---|---|
| USB 2.0 ports quantity * | 6 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 3 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity * | 1 |
| USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity * | 1 |
| USB 3.2 Gen 2x2 Type-C ports quantity | 1 |
| VGA (D-Sub) ports quantity | 1 |
| HDMI ports quantity * | 1 |
| Ethernet LAN (RJ-45) ports | 1 |
| Line-out | ✔ |

| Storage | |
|---|---|
| Total storage capacity * | 512 GB |
| Storage media * | SSD |
| Optical drive type * | DVD±RW |
| Total SSDs capacity | 512 GB |
| Number of SSDs installed | 1 |
| SSD capacity | 512 GB |
| SSD interface | PCI Express |

| Graphics | |
|---|---|
| Discrete graphics card * | ✔ |
| On-board graphics card * | ✔ |
| Discrete graphics card model * | NVIDIA® GeForce® GTX 1650 |
| Discrete graphics card memory | 4 GB |
| Discrete graphics memory type | GDDR5 |
| On-board GPU manufacturer | Intel |
| On-board graphics card family | Intel® UHD Graphics |

| Ports & interfaces | |
|---|---|
| Line-in | ✔ |

| Expansion slots | |
|---|---|
| PCI Express x1 slots | 1 |
| PCI Express x16 slots | 2 |

| Design | |
|---|---|
| Chassis type * | Desktop |
| Placement supported | Vertical |
| Product colour * | Black |

| Performance | |
|---|---|
| Product type * | PC |

| Software | |
|---|---|
| Operating system architecture | 64-bit |
| Operating system installed * | Windows 11 Home |

| Processor special features | |
|---|---|
| CPU configuration (max) | 1 |

| Power | |
|---|---|
| Power supply * | 500 W |

| Weight & dimensions | |
|---|---|
| Width * | 175 mm |
| Depth * | 305 mm |
| Height * | 370 mm |

| Display | |
|---|---|
| Display included * | ✘ |

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