# Acer Veriton VN4690GT Intel Core i7-12700 (25M Cache, up to 4.90 GHz), 16GB DDR4, 512GB SSD, Wi-Fi, Bluetooth 5.0, Windows 11 Pro

**Brand :** Acer    **Product family:** Veriton    **Product code:** DT.VW7EK.009
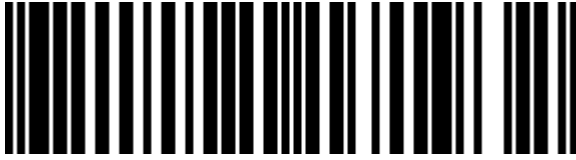
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Acer Veriton VN4690GT Intel Core i7-12700 (25M Cache, up to 4.90 GHz), 16GB DDR4, 512GB SSD, Wi-Fi, Bluetooth 5.0, Windows 11 Pro. Processor frequency: 2.1 GHz, Processor family: Intel® Core™ i7, Processor model: i7-12700. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel UHD Graphics 770. Operating system installed: Windows 11 Pro, Operating system architecture: 64-bit. Power supply: 180 W. Chassis type: Tower. Product type: PC. Weight: 9 kg. 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 boost frequency | 4.9 GHz |
| Processor frequency * | 2.1 GHz |
| Performance cores | 8 |
| Efficient cores | 4 |
| Processor cache | 25 MB |
| Processor cache type | Smart Cache |
| Bus type | DMI4 |

## Memory

| | |
|---|---|
| Internal memory * | 16 GB |
| Maximum internal memory * | 64 GB |
| Internal memory type | DDR4-SDRAM |

## Storage

| | |
|---|---|
| Total storage capacity * | 512 GB |
| Storage media * | SSD |
| Optical drive type * | ✘ |
| Total SSDs capacity | 512 GB |
| Number of SSDs installed | 1 |
| SSD capacity | 512 GB |
| SSD interface | PCI Express |
| SSD form factor | M.2 |

## Graphics

| | |
|---|---|
| Discrete graphics card * | ✘ |
| On-board graphics card * | ✔ |
| Discrete graphics card model * | Not available |
| On-board graphics card family | Intel® UHD Graphics |
| On-board graphics card model * | Intel UHD Graphics 770 |

## Network

| | |
|---|---|
| Wi-Fi standards | Wi-Fi 6 (802.11ax) |
| Bluetooth | ✔ |
| Bluetooth version | 5.0 |

## Ports & interfaces

| | |
|---|---|
| USB 2.0 ports quantity * | 4 |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 4 |
| HDMI ports quantity * | 1 |
| DisplayPorts quantity | 1 |
| Ethernet LAN (RJ-45) ports | 1 |
| Line-out | ✔ |
| Line-in | ✔ |
| Combo headphone/mic port | ✔ |

## Design

| | |
|---|---|
| Chassis type * | Tower |
| Colour name | Black |
| Product colour * | Black |

## Performance

| | |
|---|---|
| Motherboard chipset | Intel® H61 Express |
| Product type * | PC |

## Software

| | |
|---|---|
| Operating system installed * | Windows 11 Pro |
| Operating system architecture | 64-bit |

## Processor special features

| | |
|---|---|
| CPU configuration (max) | 1 |

## Power

| | |
|---|---|
| Power supply * | 180 W |

## Certificates

| | |
|---|---|
| Compliance certificates | RoHS |

**Network**

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

**Weight & dimensions**

| | |
|---|---|
| Width * | 160 mm |
| Depth * | 306.3 mm |
| Height * | 348 mm |
| Weight * | 9 kg |

**Packaging content**

| | |
|---|---|
| Mouse included | ✔ |
| Keyboard included | ✔ |

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