



W480M VISION W (rev. 1.0)

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Intel® W480 Chipset

[Lista de Comparativos](#)

CPU

1. LGA1200 package:
Intel® Xeon® W series processors
10th Generation Intel® Core™ processors/Intel® Pentium®
processors/ Intel® Celeron® processors
2. L3 cache varies with CPU

(Please refer "CPU Support List" for more information.)

Chipset

1. Intel® W480 Express Chipset

Memória

1. Intel® Xeon® W-1290/W-1270 series processors/Intel® Core™
i9/i7 processors:
Support for DDR4 4266(O.C.) / 4133(O.C.) / 4000(O.C.) /

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- Support for DDR4 2666/2400/2133 MHz memory modules
3. 4 x DDR4 DIMM sockets supporting up to 128 GB (32 GB single DIMM capacity) of system memory
 4. Dual channel memory architecture
 5. Support for ECC Un-buffered DIMM 1Rx8/2Rx8 memory modules
* To support ECC, you must install an Intel[®] Xeon[®] processor.
 6. Support for non-ECC Un-buffered DIMM 1Rx8/2Rx8/1Rx16 memory modules
 7. Support for Extreme Memory Profile (XMP) memory modules

(Please refer "Memory Support List" for more information.)

Gráficos Onboard

Integrated Graphics Processor-Intel[®] HD Graphics support:

1. 1 x D-Sub port, supporting a maximum resolution of 1920x1200@60 Hz
2. 1 x HDMI ports, supporting a maximum resolution of 4096x2160@30 Hz
* Support for HDMI 1.4 version and HDCP 2.3.
3. 2 x DisplayPorts, supporting a maximum resolution of 4096x2304@60 Hz
* Support for DisplayPort 1.4 version, HDCP 2.3, and HDR.

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3. 2/4/5.1/7.1-channel
4. Support for S/PDIF Out

LAN

1. 1 x Intel® 2.5GbE LAN chip (2.5 Gbit/1 Gbit/100 Mbit)(LAN1)
2. 1 x Intel® GbE LAN chip (1 Gbit/100 Mbit)(LAN2)

Slots de Expansão

1. 1 x PCI Express x16 slot, running at x16 (PCIEX16)
* For optimum performance, if only one PCI Express graphics card is to be installed, be sure to install it in the PCIEX16 slot.
2. 1 x PCI Express x16 slot, running at x8 (PCIEX8)
* The PCIEX8 slot shares bandwidth with the PCIEX16 slot.
When the PCIEX8 slot is populated, the PCIEX16 slot operates at up to x8 mode.
(The PCIEX16 and PCIEX8 slots conform to PCI Express 4.0 standard.)*
* Supported by 11th Generation processors only.
3. 2 x PCI Express x1 slots
(2 x PCI Express X1 slots conform to PCI Express 3.0 standard.)

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tecnologia Multi-Graphics

1. Support for AMD Quad-GPU CrossFire™ and 2-way AMD CrossFire™ technologies

Interface de Armazenamento

1. 1 x M.2 connector (Socket 3, M key, type 2242/2260/2280/22110 PCIe x4/x2 SSD support) (M2Q_CPU)
2. 1 x M.2 connector (Socket 3, M key, type 2260/2280 SATA and PCIe x4/x2 SSD support) (M2A_SB)
3. 8 x SATA 6Gb/s connectors
4. Support for RAID 0, RAID 1, RAID 5, and RAID 10
* Refer to "1-8 Internal Connectors," for the installation notices for the M.2 and SATA connectors.
5. Intel® Optane™ Memory Ready

M.2 connectors support up to ASPM L1.2 PCIe power management protocols.

USB

Chipset:

1. 2 x USB 3.2 Gen 2 Type-A ports (red) on the back panel
2. 6 x USB 3.2 Gen 1 ports (4 ports on the back panel, 2 ports available through the internal USB header)
3. 4 x USB 2.0/1.1 ports available through the internal USB headers

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Conectores Internos I/O

5. 8 x SATA 6Gb/s connectors
6. 2 x SATA detection headers
7. 2 x M.2 Socket 3 connectors
8. 1 x front panel header
9. 1 x front panel audio header
10. 1 x USB 3.2 Gen 1 header
11. 2 x USB 2.0/1.1 headers
12. 2 x Thunderbolt™ add-in card connectors
13. 1 x Trusted Platform Module header (For the GC-TPM2.0 SPI/GC-TPM2.0 SPI 2.0 module only)
14. 2 x serial port headers
15. 1 x Clear CMOS jumper
16. 1 x Q-Flash Plus button

Conectores Painel Traseiro

1. 1 x PS/2 keyboard/mouse port
2. 1 x D-Sub port
3. 1 x HDMI port
4. 2 x DisplayPorts
5. 2 x USB 3.2 Gen 2 Type-A ports (red)
6. 4 x USB 3.2 Gen 1 ports
7. 2 x RJ-45 ports

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**Monitoramento
H/W**

1. Voltage detection
2. Temperature detection
3. Fan speed detection
4. Overheating warning
5. Fan fail warning
6. Fan speed control

* Whether the fan speed control function is supported will depend on the cooler you install.

BIOS

1. 1 x 256 Mbit flash
2. Use of licensed AMI UEFI BIOS
3. PnP 1.0a, DMI 2.7, WfM 2.0, SM BIOS 2.7, ACPI 5.0

**Características
Exclusivas**

1. Support for APP Center

* Available applications in APP Center may vary by motherboard model. Supported functions of each application may also vary depending on motherboard specifications.

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Pacote de Software

1. Norton[®] Internet Security (OEM version)
2. cFosSpeed

Sistema Operacional

1. Support for Windows 10 64-bit

Form Factor

1. Micro ATX Form Factor; 24.4cm x 24.4cm

Observação

1. Due to different Linux support condition provided by chipset vendors, please download Linux driver from chipset vendors' website or 3rd party website.
2. Most hardware/software vendors may no longer offer drivers to support Win9X/ME/2000/XP. If drivers are available from the vendors, we will update them on the GIGABYTE website.

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revisar o conteúdo a qualquer momento sem aviso prévio.

* Todas as marcas e logotipos são de propriedade de suas respectivas proprietárias.

* Devido a arquitetura padrão PC, uma quantia de memória é reservada para uso do sistema, portanto o tamanho da memória é menor do que a quantia exibida

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