



MMSI H110- Pro VD Plus Motherboard

MSI H110M PRO-VD PLUS - motherboard - micro ATX - LGA1151 Socket - H110

General

- Chipset Type
Intel H110 Express
- Compatible Processors
Pentium, Celeron, Core i5, Core i3, Core i7 (supports 6th Generation Intel Core i3 / i5 / i7 / Pentium / Celeron)
- Processor Socket
LGA1151 Socket
- Max Processors Qty
1
- Manufacturer
MSI Computer Corp.

Processor

- Max Supported Qty
1
- Installed Qty
0

Expansion / Connectivity

- Expansion Slots
1 x CPU
2 x DIMM 288-pin
1 x PCIe 3.0 x16
2 x PCIe 2.0 x1
- Storage Interfaces
SATA-600 -connectors: 4 x 7pin Serial ATA
- Internal Interfaces
4 x USB 2.0 - header
2 x USB 3.1 Gen 1 - header
1 x audio - header
1 x serial - header
- Power Connectors
4-pin ATX12V connector, 24-pin main power connector

Processor / Memory / Storage

- Max Supported Qty
1

Networking

- Data Link Protocol
Ethernet, Fast Ethernet, Gigabit Ethernet
- Network Controller
Realtek RTL8111H
- Network
Gigabit Ethernet

Miscellaneous

- Compliant Standards
WHQL
- Product Type
motherboard

Interface Provided

- Qty
1, 2
- Type
DVI-D, LAN (Gigabit Ethernet), PS/2 keyboard, PS/2 mouse, USB 2.0, USB 3.1 Gen 1, VGA, audio line-in, audio line-out, microphone
- Connector Type
mini-jack

Audio

- Audio Codec
Realtek ALC887
- Compliant Standards
High Definition Audio

Audio Output

- Compliant Standards
High Definition Audio
- Type
sound card
- Audio Codec
Realtek ALC887
- Audio
High Definition Audio (8-channel)

Video

- Video Output
graphics adapter (CPU required)

RAM

- Max Supported Size
32 GB
- Features
Intel Extreme Memory Profiles (XMP), dual channel memory architecture

LAN

- Network Interfaces
Gigabit Ethernet
- Network Controller
Realtek RTL8111H

Supported RAM

- Bus Clock
2133 MHz
- Registered or Buffered
Unbuffered
- Features
Dual channel memory architecture, Intel Extreme Memory Profiles (XMP)
- Max Size
32 GB
- Technology
DDR4
- Supported RAM Integrity Check
Non-ECC

Header

- Brand
MSI
- Product Line
MSI
- Model
H110M PRO-VD PLUS
- Packaged Quantity
1
- Compatibility
PC

Mainboard

- Form Factor
micro ATX
- Processor Socket
LGA1151 Socket
- Compatible Processors
Celeron, Core i3, Core i5, Core i7, Pentium
- Compatible Processors Comments
supports 6th Generation Intel Core i3 / i5 / i7 / Pentium / Celeron
- Chipset Type
Intel H110 Express
- Supported RAM Technology
DDR4 SDRAM
- Supported RAM Speed
2133 MHz
- Supported RAM Integrity Check
non-ECC
- Supported RAM (Registered or Buffered)
unbuffered
- RAM Slots
2 DIMM slots
- Power Connectors
24-pin main power connector, 4-pin ATX12V connector

Mainboard Features

- BIOS Features
MSI ClickBIOS, UEFI BIOS
- Hardware Features
Debug LED, Double ESD Protection, Intel Extreme Memory Profile (XMP) support, Intel Small Business Basics support, MSI Audio Boost, MSI Guard-Pro, MSI Military Class IV, MSI VGA Armor, overvoltage protection

Interfaces

- Storage
Serial ATA-600
- Storage Ports
4 x SATA-600
- USB 3.0 / FireWire
USB 3.1 Gen 1
- USB / FireWire Ports Configuration (Active)
2 x USB 3.1 Gen 1 + 2 x USB 2.0

Expansion Slots

- Total Qty
1, 2
- Type
CPU, DIMM 288-pin, PCIe 2.0 x1, PCIe 3.0 x16

Software

- Software Included
MSI M-Cloud

Dimensions & Weight

- Width
8.9 in
- Depth
6.8 in

Storage Interfaces

- Interface
Serial ATA-600
- Connector(s)
4 x 7pin Serial ATA

Internal Interfaces

- Type
USB 2.0, USB 3.1 Gen 1, audio, serial
- Connector Type
header
- Qty
1, 2, 4

Features

- BIOS Features
MSI ClickBIOS, UEFI BIOS
- Hardware Features
Intel Extreme Memory Profile (XMP) support, MSI Military Class IV, MSI Audio Boost, MSI Guard-Pro, Debug LED, Double ESD Protection, MSI VGA Armor, Intel Small Business Basics support, overvoltage protection

General

- Manufacturer
MSI Computer Corp.