



## Features

- AMD Ryzen™ Embedded V1000 Series processor
- Dual-channel memory, up to 32GB DDR4
- Supports HDMI & DisplayPort
- 2x Gigabit Ethernet, 4x USB 3.1, 4x COM
- Wall mount kit included, optional VESA mount kit
- 1x Mini PCIe socket, 1x M.2 (M-key)

## Specifications

|                       |                                                                                                                                                                                                                    |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| System Mainboard      | MI988F                                                                                                                                                                                                             |
| CPU Type              | AMD Ryzen™ Embedded V1000 Series processor                                                                                                                                                                         |
| PCH                   | N/A                                                                                                                                                                                                                |
| System Speed          | Up to 3.8GHz                                                                                                                                                                                                       |
| Memory                | 2x 4GB DDR4 SO-DIMM, Max. 32GB                                                                                                                                                                                     |
| Front-side Panel I/O  | 2x Antenna hole reserved<br>power button                                                                                                                                                                           |
| Rear-side Panel I/O   | 2x RS232/422/485 for COM#1~#2<br>2x RS232 for COM#3~#4<br>4x USB 3.1 ports<br>2x RJ-45 Gigabit Ethernet port<br>1x HDMI+DisplayPort<br>1x Audio port for [Line-in / Line-out / Mic-in]<br>1x Antenna hole reserved |
| Storage Interface     | 1x 2.5" SSD                                                                                                                                                                                                        |
| Expansion Slots       | 1x Mini PCIe socket, 1x M.2 (M Key:2280)                                                                                                                                                                           |
| Power Supply          | 84W power adaptor                                                                                                                                                                                                  |
| Construction          | Aluminum & steel                                                                                                                                                                                                   |
| Chassis Color         | Black                                                                                                                                                                                                              |
| Mounting Type         | Desktop or wall mount bracket<br>Optional VESA mount kit                                                                                                                                                           |
| Dimensions            | 200mm (W) x 200mm (D) x 62mm (H)<br>7.87" (W) x 7.87" (D) x 2.44" (H)                                                                                                                                              |
| Weight                | 1.8 kg                                                                                                                                                                                                             |
| Operating Temperature | 0°C~45°C (32°F~113°F)                                                                                                                                                                                              |
| Storage Temperature   | -20°C~80°C (-4°F~176°F)                                                                                                                                                                                            |
| Relative Humidity     | 5%~90%@45°C (non-condensing)                                                                                                                                                                                       |
| Vibration             | Operating: 0.25Grms / 5~500Hz<br>Non-operating: 1Grms / 5~500Hz                                                                                                                                                    |
| Certification         | CE/FCC Class A                                                                                                                                                                                                     |

## Ordering Information

|                 |                                                                                                                                                                           |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CMI300-988-1807 | Embedded System with MI988F-1807 (AMD V1807B 3.35/3.8GHz on board), w/ 128GB 2.5" SSD, 1x 4GB DDR4 memory, 84W power adaptor (RoHS2) Compatible with IEC62368-1/EN62368-1 |
| CMI300-988-1605 | Embedded System with MI988F-1605 (AMD V1605B 2.0/3.6GHz on board), w/ 128GB 2.5" SSD, 1x 4GB DDR4 memory, 84W power adaptor (RoHS2) Compatible with IEC62368-1/EN62368-1  |

## Dimensions and Drawing

