



309.00 EUR  
incl. 19% VAT, plus [shipping](#)

- Apollo Lake SoC !
- 10x COM !
- 2x LAN !
- mini ITX !

Support:  [Datasheet](#)

The JETWAY MI12-00V series are Slim Mini-ITX form factor board adopts the Intel® Apollo Lake SoC Processor. The board supports DDR3L 1866MHz SO-DIMM memory, up to 8GB. Featuring the integrated Realtek Gigabit Ethernet controller, the MI12-00V offers 10/100/1000Base-TX Ethernet device for network transmission. SATAIII (6Gb/s) interface, one M.2 (M-key, 2242/2260) and 32GB eMMC (option) offer storage devices. One Mini PCIe interface, four USB3.0 ports, two USB2.0 ports and two COM ports provide versatile expansion. The MI12-00V series offers eDP interface which can support Max. 4K@60Hz resolution. Because of the above features, MI12-00V series is one of the best selections for digital signage and automation applications.

- Intel® Apollo Lake series SoC Processor. (Default J3455)
- 1\* DDR3L 1866MHz SO-DIMM up to 8GB
- 1\* Realtek RTL8111H GbE
- 1\* HDMI, 1\* LVDS, 1\* eDP, support triple displays
- 10\* COM, 4\* USB3.0, 5\* USB2.0
- 1\* Mini PCIe, 1\* SIM card slot
- 1\* SATA III, 1\* M.2 (M-key, 2242/2260), 1\* 32GB eMMC (option)
- 12V DC-in

|                  |   |
|------------------|---|
| Model            | – MI02-00V<br>– MI02-02V (W/TPM2.0)   |
| Form Factor      | – Slim Mini-ITX (6.7-in * 6.7-in, 170 * 170mm)  |
| Processor System | – Intel® Apollo Lake SoC Processor<br>– Intel J3455 SoC chipset<br>– AMI 128Mb Flash ROM BIOS |

|                    |  |
|--------------------|--|
| Expansion Slot     | <ul style="list-style-type: none"> <li>- 1* Mini PCIe (full size, USB signal only)</li> <li>- 1* SIM card slot</li> </ul>  |
| Memory             | <ul style="list-style-type: none"> <li>- 1* DDR3L 1866MHz SDRAM SO-DIMM up to 8GB</li> </ul>   |
| Graphics           | <ul style="list-style-type: none"> <li>- Intel® HD Graphics</li> <li>- 1* HDMI (Max. Resolution: 3840 x 2160@30Hz)</li> <li>- 1* VGA (Max. Resolution: 1920 x 1200@60Hz)</li> <li>- 1* LVDS (Max. Resolution: 1920 x 1200@60Hz, selectable with eDP, not working while using LVDS)</li> <li>- 1* eDP (Max Resolution: 4096 x 2160@60Hz, selectable with LVDS, not working while using eDP)</li> <li>- Support triple displays</li> </ul>   |
| Ethernet           | <ul style="list-style-type: none"> <li>- 2* Realtek RTL8111H GbE</li> </ul>  |
| Audio              | <ul style="list-style-type: none"> <li>- C-Media HS-100B USB Audio Chip</li> </ul>   |
| Storage            | <ul style="list-style-type: none"> <li>- 1* SATAIII (6.0Gb/s)</li> <li>- 1* M.2 M-key 2242/2260 (SATA interface)</li> <li>- 32GB eMMC (option)</li> </ul> <p>eMMC is recommend to set as primary boot device for Windows 10 OS boot up</p>   |
| Rear I/O           | <ul style="list-style-type: none"> <li>- 2* RJ45</li> <li>- 4* USB3.0</li> <li>- 1* HDMI</li> <li>- 1* VGA</li> <li>- 1* Line-out</li> <li>- 1* DC-in</li> </ul>   |
| Internal Connector | <ul style="list-style-type: none"> <li>- 5* USB2.0</li> <li>- 9* RS232 (COM1~3 with Powered 5V/12V)</li> <li>- 1* RS232/422/485 (COM1)</li> <li>- 1* SATAIII</li> <li>- 1* Mini PCIe (full size)</li> <li>- 1* M.2 M-key 2242/2260 (SATA interface)</li> <li>- 1* LVDS (Selectable with eDP, not working while using LVDS)</li> <li>- 1* eDP (Selectable with LVDS, not working while using eDP)</li> <li>- 1* GPIO (4in/4 out)</li> <li>- 1* SMBUS</li> <li>- 1* AT mode</li> <li>- 1* SIM card holder</li> <li>- 1* PS/2</li> <li>- 1* TPM2.0 (MI12-02V optional)</li> </ul> |
| Watchdog Timer     | <ul style="list-style-type: none"> <li>- From Super I/O to drag RESETCON#</li> <li>- 256 segments, 0,1,2...255sec</li> </ul>   |
| Power              | <p>12V DC-in, AT/ATX Supported</p> <ul style="list-style-type: none"> <li>- AT: Directly PWR on as Power input ready</li> <li>- ATX: Press Button to PWR on after Power input ready</li> </ul>   |
| Compliance         | <ul style="list-style-type: none"> <li>- CE, FCC, RoHS, REACH</li> </ul>   |
| Temperature        | <ul style="list-style-type: none"> <li>- Operating: 0°C ~ 60°C (with 0.7m/s air flow)</li> <li>- Storage: -20°C ~ 85°C</li> <li>- Humidity: 10% ~ 90% RH @40°C (non-condensing)</li> </ul>   |
| OS Support         | <ul style="list-style-type: none"> <li>- Windows 10, Linux</li> </ul>  |