



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

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|------------------|---|
| Model | – MI02-00V – 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 – Intel J3455 SoC chipset – AMI 128Mb Flash ROM BIOS |

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