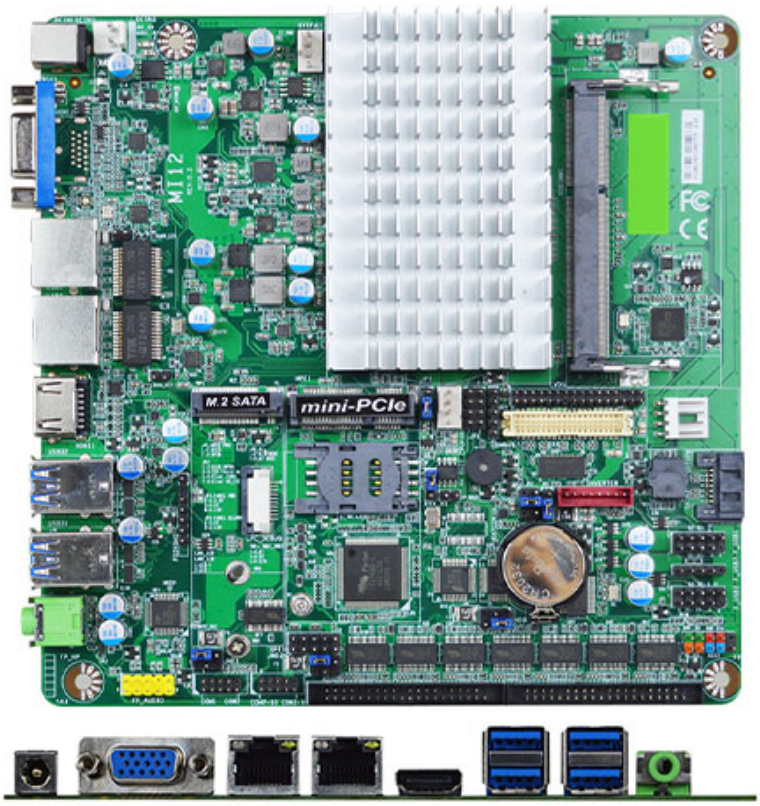
Jetway MI12-00V (Intel J3455 Apollo Lake SoC, 2x HDMI, 1x LAN)

[http://www.cartft.com/catalog/il/3201]



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 – 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
Expansion Slot	– 1* Mini PCIe (full size, USB signal only) – 1* SIM card slot
Memory	– 1* DDR3L 1866MHz SDRAM SO-DIMM up to 8GB
Graphics	– 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 × 2160@60Hz, selectable with LVDS, not working while using eDP) – Support triple displays
Ethernet	– 2* Realtek RTL8111H GbE
Audio	– C-Media HS-100B USB Audio Chip
Storage	– 1* SATAIII (6.0Gb/s) – 1* M.2 M-key 2242/2260 (SATA interface) – 32GB eMMC (option) eMMC is recommend to set as primary boot device for Windows 10 OS boot up
Rear I/O	– 2* RJ45 – 4* USB3.0 – 1* HDMI – 1* VGA – 1* Line-out – 1* DC-in

Internal Connector	– 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	– From Super I/O to drag RESETCON# – 256 segments, 0,1,2…255sec
Power	12V DC-in, AT/ATX Supported – AT: Directly PWR on as Power input ready – ATX: Press Button to PWR on after Power input ready
Compliance	– CE, FCC, RoHS, REACH
Temperature	– 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	– Windows 10, Linux