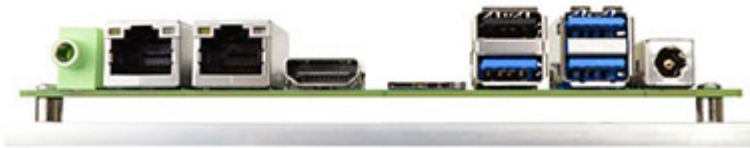
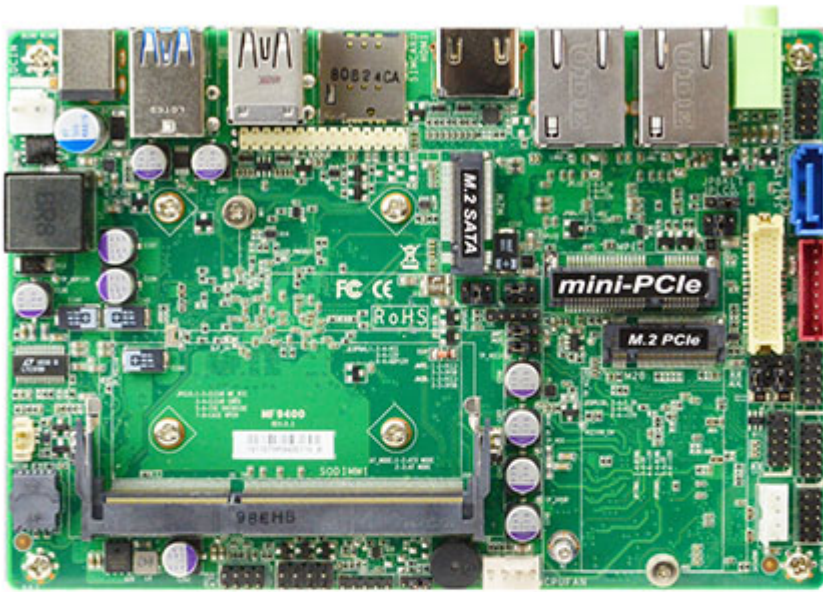


349.00 EUR  
incl. 19% VAT, plus [shipping](#)

- Apollo Lake SoC !
- 10W TDP !
- 3.5" form factor !
- 9-36V Input !



The JETWAY MF94 is 3.5" form factor board adopts the Intel® Apollo Lake SoC Processor. The board supports one SO-DIMM DDR3L 1866Mhz memory, up to 8GB. Featuring the integrated Intel® Gigabit Ethernet controller, the MF94 offers two 10/100/1000Base-TX Ethernet device for network transmission. One SATAIII (6Gb/s) interface and one M.2 M-key offer storage devices. Three USB3.1 Gen.1 ports, Three USB2.0 ports and two COM ports provide versatile expansion. The Mini-PCle can support WIFI/3G/4G. The MF94 offers one HDMI port, one eDP port and one LVDS. Because of the above features, MF94 is suitable for Panel PC, IOT Solution applications.

- Intel® Apollo Lake SoC Processo
- 1\* DDR3L 1866MHz SO-DIMM up to 8 GB
- 2\* 10/100/1000 Base-TX Ethernet Ports
- 1\* HDMI, 1\* eDP, 1\* LVD
- 2\* COM, 3\* USB3.1 (Gen.1), 3\* USB2.0
- 1\* M.2 M-key 2242, 1\* M.2 B-key 3042
- 1\* Full size Mini-PCle, 1\* SATA III (6Gb/s)
- Support 9~36V DC-in

|       |                                                                                                                          |
|-------|--------------------------------------------------------------------------------------------------------------------------|
| Model | <ul style="list-style-type: none"> <li>– MF94V00 (J3455 CPU_10W, Default)</li> <li>– MF94V90 (E3940 CPU_9.5W)</li> </ul> |
|-------|--------------------------------------------------------------------------------------------------------------------------|

|                  |                                                                                                                                                                                       |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form Factor      | – 3.5" (5.8-in * 4.0-in, 148 * 102mm)                                                                                                                                                 |
| Processor System | – Intel® Apollo Lake J3455 / E3940 SoC Processor (TDP 10W/9.5W)<br>– AMI Flash ROM BIOS                                                                                               |
| Expansion Slot   | – 1* M.2 M-key (2242) Support SATA interface<br>– 1* M.2 B-key (3042) Support USB3.0 & PCIe1 interface W/SIM card holder<br>– 1* Full size Mini-PCIe Support USB2.0 & PCIe1 interface |
| Memory           | – 1* SO-DIMM DDR3L 1866MHz SDRAM non-ECC up to 8GB                                                                                                                                    |
| Graphics         | – Intel® HD Graphics, shared memory<br>– 1* eDP1.3 (Max Resolution: 3840×2160@60Hz)<br>– 1* LVDS (Max Resolution: 1920 x 1080@60Hz)<br>– 1* HDMI (Max Resolution: 3840×2160@ 30 Hz)   |
| Ethernet         | – 2* Intel® 2.5GbE (2* i225-V)                                                                                                                                                        |
| Audio            | – 6 channel HD audio: Realtek® ALC662/ALC888S                                                                                                                                         |
| Storage          | – 1* SATAIII                                                                                                                                                                          |
| Rear I/O         | – 3* USB3.1 (Gen1)<br>– 1* USB2.0<br>– 1* HDMI<br>– 2* RJ45<br>– 1* SIM card slot (W/M.2 B-key, 3042)<br>– Line-Out<br>– DC-in (9~36V)                                                |

|                    |                                                                                                                                                                                                                                                                                                                                              |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Internal Connector | <ul style="list-style-type: none"> <li>– 2* USB2.0</li> <li>– 1* eDP</li> <li>– 1* LVDS w/ Inverter</li> <li>– 1* RS232</li> <li>– 1* RS232/422/485</li> <li>– 1* SATAIII</li> <li>– 1* GPIO (8 bit)</li> <li>– 1* Audio Header</li> <li>– 1* SMBUS</li> <li>– 1* I2C</li> <li>– 1* CPU FAN</li> <li>– 1* TPM2.0 onboard (option)</li> </ul> |
| Watchdog Timer     | <ul style="list-style-type: none"> <li>– From Super I/O to drag RESETCON#</li> <li>– 256 segments (10sec ~ 255min)</li> </ul>                                                                                                                                                                                                                |
| Power              | <p>DC-IN 9~36V<br/>AT/ATX mode 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, LVD, RoHS, REACH</li> </ul>                                                                                                                                                                                                                                                                |
| Temperature        | <ul style="list-style-type: none"> <li>– Operating:<br/>MF94V00: 0°C ~ 60°C<br/>MF94V90: -40°C ~ 85°C</li> <li>– Storage: -40°C ~ 85°C</li> <li>– Humidity : 10% ~ 90% RH @40°C (non-condensing)</li> </ul>                                                                                                                                  |