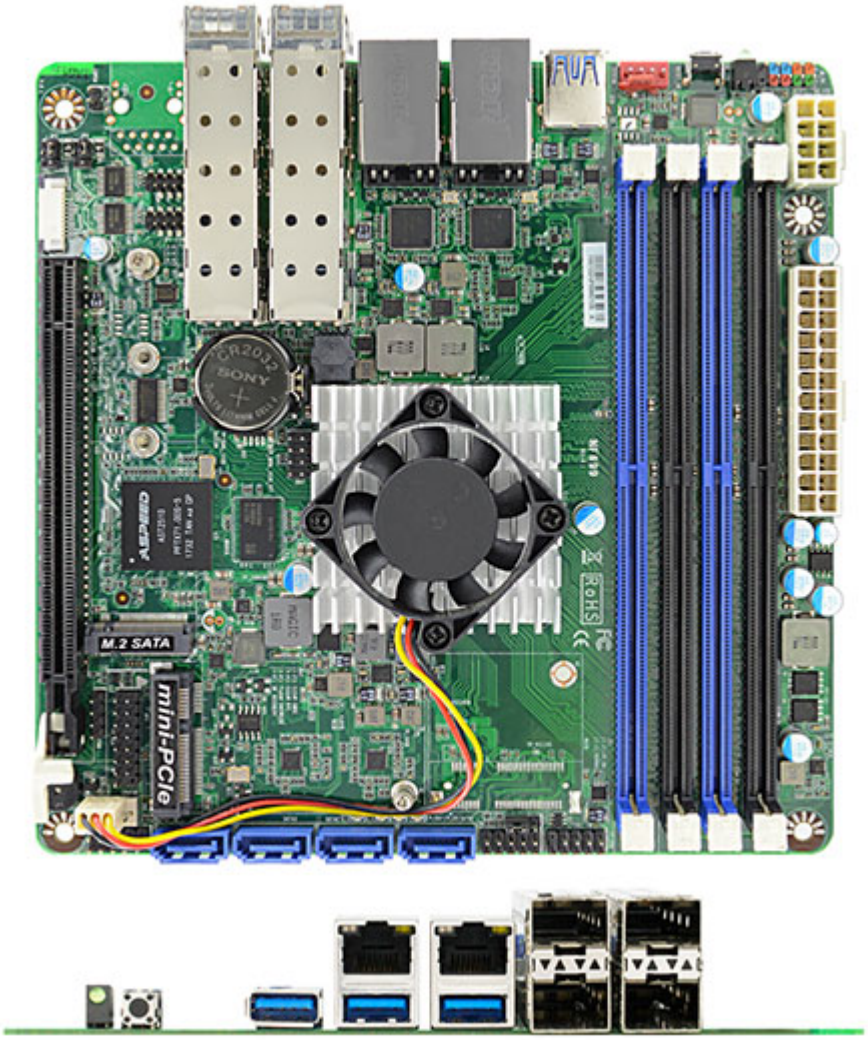


999.00 EUR
incl. 19% VAT, plus shipping

The JETWAY JNF699-C3758 is Mini-ITX form factor board adopts the Intel® Denverton C3758 (8 Core, 2.20GHz, 25W TDP) SoC Processor. The board supports four DDR4 2133/2400MHz, 288-pin U-DIMM/R-DIMM slots, up to 64/128GB memory. Featuring the integrated Intel® Gigabit Ethernet controller, the JNF699-C3758 offers two 10/100/1000Base-TX Ethernet devices and four 10GbE SFP+ for network transmission. Four SATAIII (6Gb/s) interface and one M.2 (M-key, 2242/2260/2280) offer storage devices. One full size Mini PCIe interface, three USB3.0 ports, two USB2.0 ports and two COM ports provide versatile expansion. The PCIex8 (use x16 slot) can support Jetway riser card for different expansion. The JNF699-C3758 offers 2 * Intel GbE and 4 * 10GbE SFP+ which can support more networking appliance. Because of the above features, JNF699-C3758 is one of the best selections for Networking applications.

- Intel® Denverton C3758 (8 Core, up to 2.20 GHz, 25W) Processor
- Support Registered ECC DDR4-2400MHz DIMM up to 128GB or Unbuffered ECC/Non-ECC DDR4-2400MHz DIMM up to 64GB
- Support 2 * Intel i210AT GbE & 4 * 10GbE SPF+ ports
- Support 4 * SATA III & M.2 (M key, SATA interface, 2242/2260/2280) storage
- 3 * External USB3.0 & 2 * Internal USB2.0
- 1 * full size Mini-PCIe slot & 1 * PCIe x8 (use PCIe x16 slot)
- 1 * Internal VGA pin header
- Support on-board TPM2.0
- 24-pin ATX power

| **Model / Part Number** | |
|---|---|
| Model | – JNF699-C3758 |
| Part Number | – JNF699-C3758 |
| **Form Factor** | |
| Dimensions | – Mini-ITX (6.7-in * 6.7-in, 170 * 170mm) |

| | |
|---|---|
| **Processor System** | |
| CPU | – Intel® Denverton C3758 Processor (TDP 25W) |
| Core Number | – 8 |
| Max Speed | – 2.20GHz |
| Cache | – 16MB |
| Chipset | – SoC |
| BIOS | – AMI Flash ROM |
| **Expansion Slot** | |
| Mini-PCIe | – 1 (full size) |
| mSATA | – 0 |
| PCIe | – 1 * PCIe x8 (using PCIex16 slot) |
| M.2 | – 1 (M-key, SATA interface, 2242/2260/2280) |
| SIM Card Holder | – 0 |
| **Memory** | |
| Technology | – Registered ECC DDR4-2400MHz DIMM or Unbuffered ECC/Non-ECC DDR4-2400MHz DIMM |
| Max. | – 128GB (R-DIMM) / 64GB (U-DIMM) |
| Socket | – 4 * R-DIMM/U-DIMM |
| **Graphics** | |
| Controller | – Intel® HD Graphics |
| VRAM | – Shared Memory |
| VGA | – 1 (INT pin header, supports max. resolution 1920 x 1200 @ 60 Hz) |
| LVDS | – 0 |
| eDP | – 0 |
| HDMI 1.4 | – 0 |
| MultiDisplay | – N/A |
| **Ethernet** | |
| Ethernet | – 2 * 100/1000 Mbps & 2 * 10GbE |
| Controller | – 2 * Intel i210AT GbE |
| Connector | – 2 * RJ 45 & 4 * 10GbE SFP+ ports |
| **Audio** | |
| CODEC | – N/A |
| Channel | – N/A |
| **SATA** | |
| Max Data Transfer Rate | – 4 * SATAIII (6.0Gb/s) |
| **Rear I/O** | |
| VGA | – 0 |
| HDMI | – 0 |
| Ethernet | – 2 * GbE & 4 * 10GbE SFP+ ports |
| USB | – 3 * USB 3.0 |
| Audio | – 0 |
| Serial / Parallel | – 0 / 0 |
| Reset button | – 1 |
| DC-input | – 0 |
| **Internal Connector** | |

| | |
|---|---|
| USB | – 2 * USB 2.0 |
| Ethernet | – 0 |
| LVDS / inverter | – 0 |
| eDP | – 0 |
| VGA | – 1 |
| Serial | – 2 |
| SATA | – 4 * SATAIII (6.0Gb/s) |
| mPCIe | – 1 (full size) |
| mSATA | – 0 |
| M.2 | – 1 (M-key, SATA interface, 2242/2260/2280) |
| GPIO | – 1 (8 bit) |
| Chassis intrusion | – 1 |
| Audio Header | – 1 |
| SMBUS/ I2C | – N/A |
| AT mode | – 1 |
| TPM Header | – On board TPM2.0 |
| Others | – N/A |
| **Watchdog Timer** | |
| Output | – From Super I/O to drag RESETCON# |
| Interval | – 256 segments |
| **Power Requirements** | |
| Input PWR | – ATX Power |
| Power On | AT/ATX Supported<br>– AT : Directly PWR on as Power input ready<br>– ATX: Press Button to PWR on after Power input ready |
| **Certifications** | |
| Certifications | – CE, FCC, LVD |
| **Environment** | |
| Temperature | – Operating: 0°C – 60°C |
| | – Storage: -20°C – 85°C |
| **Warranty** | |
| Warranty | – 2 Years Limited Warranty |