



999.00 EUR

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

- 1x LAN !
- 1x SO-DIMM !

The JETWAY JNF694 series are Mini-ITX form factor board adopts the Intel® Apollo Lake SoC Processor. The board supports DDR3L 1866Mhz SODIMM memory, up to 8GB. Featuring the integrated Realtek Gigabit Ethernet controller, the JNF694 offers 10/100/1000Base-TX Ethernet devices for network transmission. SATAIII (6Gb/s) interface and one M.2 (M-key, 2242/2260) offer storage devices. One Mini PCIe interface, four USB3.0 ports, three USB2.0 ports and four to six COM ports provide versatile expansion. The JNF694 offers DP interface which can support max. 4K@60Hz resolution. Because of the above features, JNF694 is one of the best selections for digital signage and automation applications.

- Intel® Apollo Lake SoC Processor
- 1/2 \* DDR3L SODIMM Up to 8 GB
- 1/2 \* 10/100/1000 Base-TX Ethernet Ports
- Support 1 \* HDMI + 1 \* DP display
- 4/6 \* COM, 4 \* USB3.0 & 2 \* USB2.0
- 1 \* PCIe x1 slot, 1\* Mini PCIe slot (1\* full size), 1 \* M.2 (M-key, 2242/2260)
- Support 1 \* SATA III (6Gb/s)
- 24-pin ATX PWR

| Model              | JNF694-3350/4200               | JNF694L-3350/4200                |
|--------------------|--------------------------------|----------------------------------|
| Model              | – JNF694-3350<br>– JNF694-4200 | – JNF694L-3350<br>– JNF694L-4200 |
| Part Number        | – JNF694-3350<br>– JNF694-4200 | – JNF694L-3350<br>– JNF694L-4200 |
| <b>Form Factor</b> |                                |                                  |

|                        |                                           |               |
|------------------------|-------------------------------------------|---------------|
| Dimensions             | – Mini-ITX (6.7-in * 6.7-in, 170 * 170mm) |               |
| Processor System       |                                           |               |
| CPU                    | – Intel® Apollo Lake SoC Processo         |               |
| Core Number            | – (by CPU)                                |               |
| Max Speed              | – (by CPU)                                |               |
| L2 Cache               | – (by CPU)                                |               |
| Chipset                | – SoC                                     |               |
| BIOS                   | – AMI Flash ROM                           |               |
| Expansion Slot         |                                           |               |
| Mini-PCIe              | – 1 (full size)                           |               |
| mSATA                  | – 0                                       |               |
| PCIe                   | – 1 * PCIe x1                             |               |
| M.2                    | – 1 (M-key, 2242/2260)                    |               |
| SIM Card Holder        | – 1                                       |               |
| Memory                 |                                           |               |
| Technology             | – Dual CH DDR3L 1866MHz SDRAM             |               |
| Max.                   | – 8GB                                     |               |
| Socket                 | – 2 * SO-DIMM                             | – 1 * SO-DIMM |
| Graphics               |                                           |               |
| Controller             | – Intel® HD Graphics                      |               |
| VRAM                   | – Shared Memory                           |               |
| VGA                    | – 0                                       |               |
| LVDS                   | – 1 (max. 1920 x 1080@60Hz resolution)    |               |
| eDP                    | – 0                                       |               |
| HDMI 1.4               | – 1 (Max. Resolution : 3840*2160@24Hz)    |               |
| DisplayPort 1.2        | – 1 (Max. Resolution : 4096*2160@60Hz)    |               |
| MultiDisplay           | – Triple Displays                         |               |
| Ethernet               |                                           |               |
| Ethernet               | – 10/100/1000 Mbps                        |               |
| Controller             | – PCIe GbE LAN : Realtek RTL8111H         |               |
| Connector              | – 2 * RJ 45                               | – 1 * RJ 45   |
| Audio                  |                                           |               |
| CODEC                  | – HD Audio: Realtek ALC662                |               |
| Channel                | – 6 Channel                               |               |
| SATA                   |                                           |               |
| Max Data Transfer Rate | – 1 * SATAIII (6.0Gb/s)                   |               |
| Rear I/O               |                                           |               |
| VGA                    | – 0                                       |               |
| HDMI                   | – 1                                       |               |
| DisplayPort            | – 1                                       |               |
| Ethernet               | – 2                                       | – 1           |
| USB                    | – 4 * USB 3.0                             |               |
| Audio                  | – 3 (Line-In, Line-Out, MIC)              |               |
| Serial / Parallel      | – 4 (COM1 support RS232/422/485)          | – 4           |
| PS2                    | – 0                                       |               |

|                           |                                                                                                                          |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------|
| DC-input                  | – 0                                                                                                                      |
| <b>Internal Connector</b> |                                                                                                                          |
| USB                       | – 3 * USB 2.0                                                                                                            |
| PS/2                      | – 1                                                                                                                      |
| LVDS / inverter           | – 1                                                                                                                      |
| eDP                       | – 0                                                                                                                      |
| VGA                       | – 0                                                                                                                      |
| Serial                    | – 2 – 0                                                                                                                  |
| SATA                      | – 1 * SATAIII (6.0Gb/s)                                                                                                  |
| mPCIe                     | – 1 (full size)                                                                                                          |
| mSATA                     | – 0                                                                                                                      |
| M.2                       | – 1 (M key-2242, 2260)                                                                                                   |
| GPIO                      | – 1 (8 bit)                                                                                                              |
| Chassis intrusion         | – 1                                                                                                                      |
| Audio Header              | – 1                                                                                                                      |
| SMBUS/ I2C                | – 1                                                                                                                      |
| AT mode                   | – 1                                                                                                                      |
| TPM                       | – 1 (on board option)                                                                                                    |
| Others                    | – 0                                                                                                                      |
| <b>Watchdog Timer</b>     |                                                                                                                          |
| Output                    | – From Super I/O to drag RESETCON#                                                                                       |
| Interval                  | – 256 segments, 10sec...255min                                                                                           |
| <b>Power Requirements</b> |                                                                                                                          |
| Input PWR                 | – ATX PWR Connector                                                                                                      |
| 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 |
| <b>Certifications</b>     |                                                                                                                          |
| Certifications            | – CE, FCC, RoHS, REACH                                                                                                   |
| <b>Environment</b>        |                                                                                                                          |
| Temperature               | – Operating: 0°C ~ 60°C(with 0.7m/s air flow)<br>– Storage: -20°C ~ 85°C                                                 |
| <b>Warranty</b>           |                                                                                                                          |
| Warranty                  | – 2 Years Limited Warranty                                                                                               |