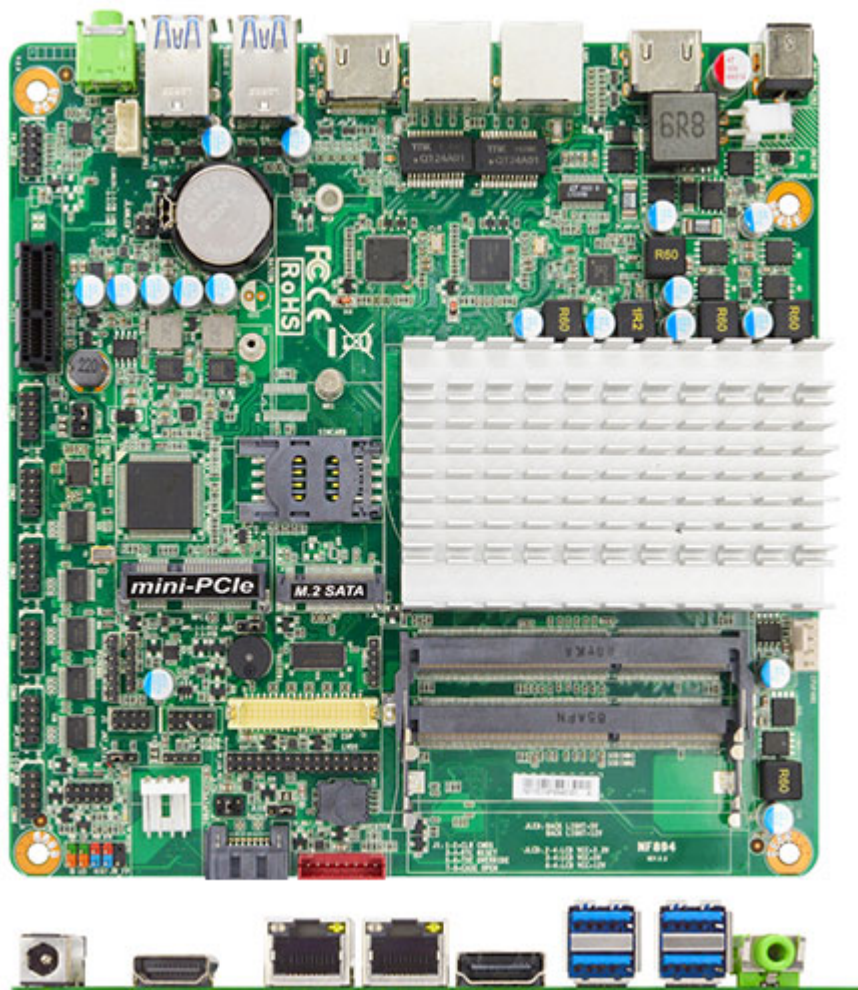


289.00 EUR

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

- JNF894-3455



The JETWAY JNF894-3455 is Slim Mini-ITX form factor board adopts the Intel® Apollo Lake SoC Processor. The board supports DDR3L 1867Mhz SO-DIMM memory, up to 8GB. Featuring the integrated two Intel Gigabit Ethernet controllers, the JNF894 offers 10/100/1000Base-TX Ethernet devices for network transmission. SATAIII (6Gb/s) interface, one M.2 (M-key, 2242/2280) and 32 GB eMMC (option) offer storage devices. One Mini PCIe interface, four USB3.0 ports, three USB2.0 ports and six COM ports provide versatile expansion. The JNF894 offers two HDMI interface which can support max. 3840×2160@30Hz resolution. Because of the above features, JNF894 is one of the best selections for industrial automation and industrial PPC applications.

- Intel® Apollo Lake SoC Processor
- 2\* DDR3L SODIMM up to 8 GB
- Support 2 \* HDMI + 1\* LVDS (option with eDP)
- 2\* 10/100/1000 Base-TX Ethernet Ports
- 6\* COM, 4\* USB3.0 & 3\* USB2.0
- 1\* PCIe x1 slot, 1\* Mini PCIe slot (1\* full size), 1\* M.2 (M-key, 2242/2280)
- Support 1 \* SATA III (6Gb/s), 32 GB eMMC (option)
- 9~36V DC-in

| Model / Part Number |                                           |
|---------------------|-------------------------------------------|
| Model               | – JNF894-3455                             |
| Part Number         | – JNF894-3455                             |
| Form Factor         |                                           |
| Dimensions          | – Mini-ITX (6.7-in * 6.7-in, 170 * 170mm) |
| Processor System    |                                           |
| CPU                 | – Intel® Apollo Lake SoC Processor        |
| Core Number         | – (by CPU)                                |

|                           |                                                                                               |
|---------------------------|-----------------------------------------------------------------------------------------------|
| Max Speed                 | – (by CPU)                                                                                    |
| L2 Cache                  | – (by CPU)                                                                                    |
| Chipset                   | – SoC                                                                                         |
| BIOS                      | – AMI Flash ROM                                                                               |
| <b>Expansion Slot</b>     |                                                                                               |
| Mini-PCIe                 | – 1 (full size)                                                                               |
| PCIe                      | – 1 * PCIe x1                                                                                 |
| M.2                       | – 1 (M-key, 2242/2280)                                                                        |
| SIM Card Holder           | – 1                                                                                           |
| <b>Memory</b>             |                                                                                               |
| Technology                | – Dual CH DDR3L 1867MHz SDRAM                                                                 |
| Max.                      | – 8GB                                                                                         |
| Socket                    | – 2 * SO-DIMM                                                                                 |
| <b>Graphics</b>           |                                                                                               |
| Controller                | – Intel® HD Graphics                                                                          |
| VRAM                      | – Shared Memory                                                                               |
| LVDS                      | – 1 (Max Resolution: 1920 x 1080@60Hz)<br>(Selectable with eDP, not working while using LVDS) |
| eDP 1.3                   | – 1 (Max Resolution: 3840 x 2160@60Hz)<br>(Selectable with LVDS, not working while using eDP) |
| HDMI 1.4                  | – 2 (Max. Resolution : 3840 x 2160@24Hz) (one option with DP, Default HDMI)                   |
| DisplayPort 1.2           | – 1 (Max Resolution: 4096 x 2160@60Hz) (option with HDMI)                                     |
| Multi Display             | – Triple Displays                                                                             |
| <b>Ethernet</b>           |                                                                                               |
| Ethernet                  | – 10/100/1000 Mbps                                                                            |
| Controller                | – PCIe GbE: Intel i211AT                                                                      |
| Connector                 | – 2 * RJ45                                                                                    |
| <b>Audio</b>              |                                                                                               |
| CODEC                     | – HD Audio: Realtek ALC662VD                                                                  |
| Channel                   | – 2 Channel                                                                                   |
| <b>SATA</b>               |                                                                                               |
| SATA                      | – 1 * SATAIII (6.0Gb/s)                                                                       |
| eMMC                      | – 32 GB (option)                                                                              |
| M.2                       | – 1 * M-key 2242/2280 for SATA interface                                                      |
| <b>Rear I/O</b>           |                                                                                               |
| HDMI                      | – 2 (default)                                                                                 |
| DisplayPort               | – 1 (option with one HDMI)                                                                    |
| Ethernet                  | – 2                                                                                           |
| USB                       | – 4 * USB 3.0                                                                                 |
| Audio                     | – 1 ( Line-out)                                                                               |
| DC-input                  | – 1                                                                                           |
| <b>Internal Connector</b> |                                                                                               |
| USB                       | – 3 * USB 2.0                                                                                 |
| PS/2                      | – 1                                                                                           |
| LVDS / inverter           | – 1                                                                                           |

|                           |                                                                                                                          |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------|
| eDP                       | – 1                                                                                                                      |
| Serial                    | – 6 (COM1 support RS232/422/485 W/power)                                                                                 |
| SATA                      | – 1 * SATAIII (6.0Gb/s)                                                                                                  |
| mPCIe                     | – 1 (full size)                                                                                                          |
| M.2                       | – 1 (M-key, 2242/2280)                                                                                                   |
| GPIO                      | – 1 (8 bit)                                                                                                              |
| Chassis intrusion         | – 1                                                                                                                      |
| Audio Header              | – 1                                                                                                                      |
| SMBUS                     | – 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                 | – 9~36V DC-in                                                                                                            |
| 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)                                                                           |
|                           | – Storage: -20°C ~ 85°C                                                                                                  |
|                           | – eMMC: 0°C ~ 70°C                                                                                                       |
| <b>Warranty</b>           |                                                                                                                          |
| Warranty                  | – 2 Years Limited Warranty                                                                                               |