



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
<b>Form Factor</b>	
Dimensions	– Mini-ITX (6.7-in * 6.7-in, 170 * 170mm)
<b>Processor System</b>	
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) (Selectable with eDP, not working while using LVDS)
eDP 1.3	– 1 (Max Resolution: 3840 x 2160@60Hz) (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

## SATA

SATA	– 1 * SATAIII (6.0Gb/s)
eMMC	– 32 GB (option)
M.2	– 1 * M-key 2242/2280 for SATA interface

## Rear I/O

HDMI	– 2 (default)
DisplayPort	– 1 (option with one HDMI)
Ethernet	– 2
USB	– 4 * USB 3.0
Audio	– 1 ( Line-out)
DC-input	– 1

## Internal Connector

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

## Watchdog Timer

Output	– From Super I/O to drag RESETCON#
Interval	– 256 segments, 10sec...255min

## Power Requirements

Input PWR	– 9~36V DC-in
Power On	<p>AT/ATX Supported</p> <p>– AT : Directly PWR on as Power input ready</p> <p>– ATX: Press Button to PWR on after Power input ready</p>

## Certifications

Certifications	– CE, FCC, RoHS, REACH
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## Environment

Temperature

– Operating: 0°C ~ 60°C (with 0.7m/s air flow)

– Storage: -20°C ~ 85°C

– eMMC: 0°C ~ 70°C

## Warranty

Warranty

– 2 Years Limited Warranty