

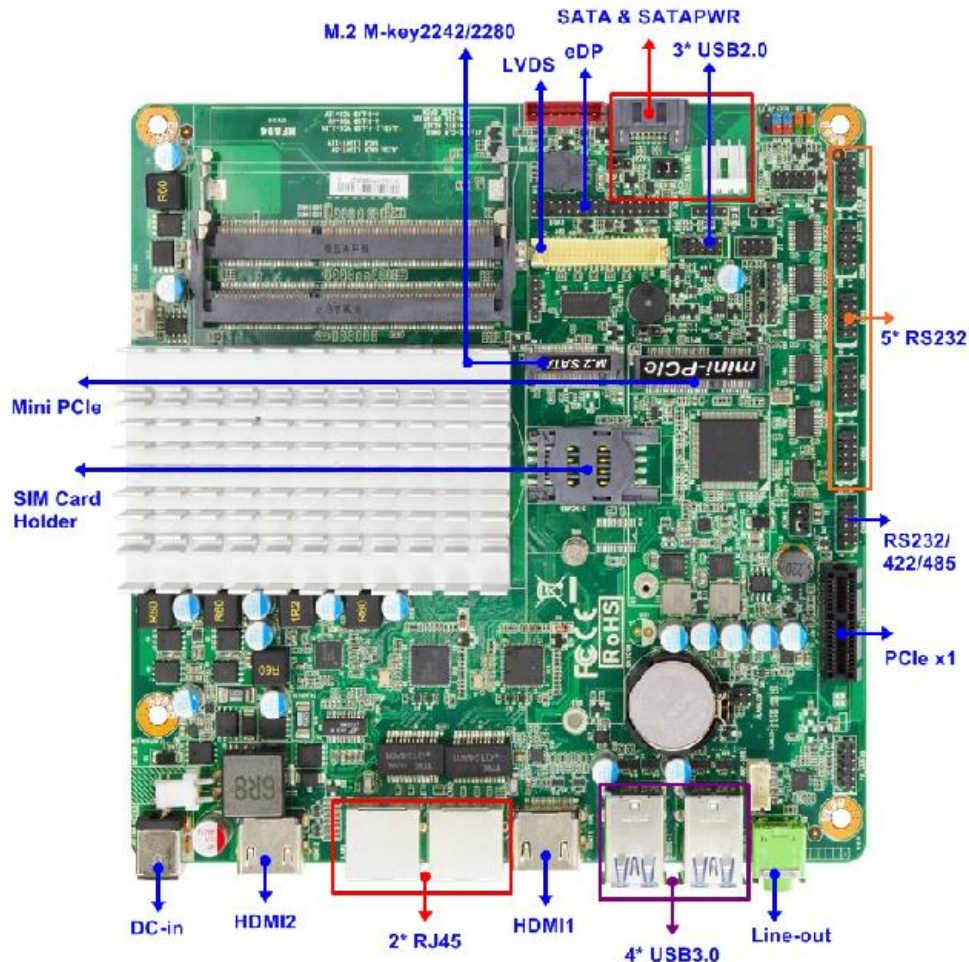
# NF894

## Thin Mini-ITX Industrial Motherboard / Apollo Lake 2 HDMI / eDP/LVDS / 2 Intel LAN / 9 - 36V



### Features

1. Intel Celeron J3455 Quad-Core, Apollo Lake Platform
2. 2 \* DDR3L-1866 SODIMM slots supporting up to 8GB Total
3. 2 \* Intel i211-AT Gigabit LAN, HD Audio
4. Up to 3 Displays: 2 \* HDMI, eDP or LVDS
5. 1 \* SATA3 6Gb/s Ports, 1 \* M.2 SATA 2242/2280
6. 1 \* Full-size Mini-PCIE slot, SIM Card Holder, PCIE x1 Slot
7. 4 \* USB 3.0, 3 \* USB 2.0, GPIO, Chassis Intrusion, SMBus
8. 6 \* Serial Ports, Watchdog Timer, AT/ATX Power Mode
9. 9 - 36V DC-in or 2-pin Alternate Internal Power Connector
10. Compatible with Windows 10 64bit, UEFI Linux
11. Thin Mini-ITX Form Factor (170mm x 170mm)



<b>Model / Series</b>	■ NF894
<b>Part No</b>	■ JNF894-3455
<b>Processor</b>	■ Intel Celeron J3455 Quad-Core, Apollo Lake Platform
<b>Chipset</b>	■ SoC
<b>Video</b>	■ Intel HD Graphics
<b>Memory</b>	■ 2 * 204-pin SO-DIMM slots supporting DDR3L-1866 up to 8GB total, 1.35V Required
<b>Expansion Slots</b>	■ PCI Express 2.0 x1 ■ 1 * Full-size Mini-PCIE slot with SIM Card Holder
<b>Storage</b>	■ 1 * SATA3 6Gb/s port ■ 1 * M.2 SATA M-key 2242/2280 ■ Optional 32GB eMMC
<b>Audio</b>	■ Realtek ALC662 HD audio, 3W Amplifier (L + R)
<b>Network</b>	■ 2 * Intel i211-AT Gigabit LAN
<b>Other Features</b>	■ Support AHCI, ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec., TPM optional
<b>Rear Panel I/O</b>	■ 4 * USB 3.0 ■ 2 * RJ-45 port ■ 2 * HDMI 1.4 (4K @24Hz) ■ Line-out ■ 9V - 36V DC-in
<b>Internal I/O</b>	■ 2 * USB headers for 3 * USB 2.0 ports (2.00mm pitch) ■ eDP/LVDS (select one), AT/ATX power switch mode ■ 6 * Serial headers (2.0mm pitch, 5 * RS232, 1 * RS232/422/485) ■ Chassis Intrusion header, PS/2 KB/MS header, 8bit GPIO, SMBus ■ 2-pin 9V - 36V Alternate internal power connector ■ Optional onboard TPM 2.0
<b>BIOS</b>	■ AMI Flash ROM
<b>Box Contents</b>	■ NF894 Motherboard, I/O Shield
<b>Certification</b>	■ CE, FCC, RoHS, ErP/EuP, REACH
<b>Temperature</b>	■ Operating Temperature 0~60 ° C, Storage Temperature -20-85 ° C
<b>Form Factor</b>	■ Thin Mini-ITX Form Factor (170mm x 170mm)
<b>Warranty</b>	■ 2 Years Limited Warranty

\*Specifications subject to change without notice, not responsible for typographical errors. Overclocking not supported.



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