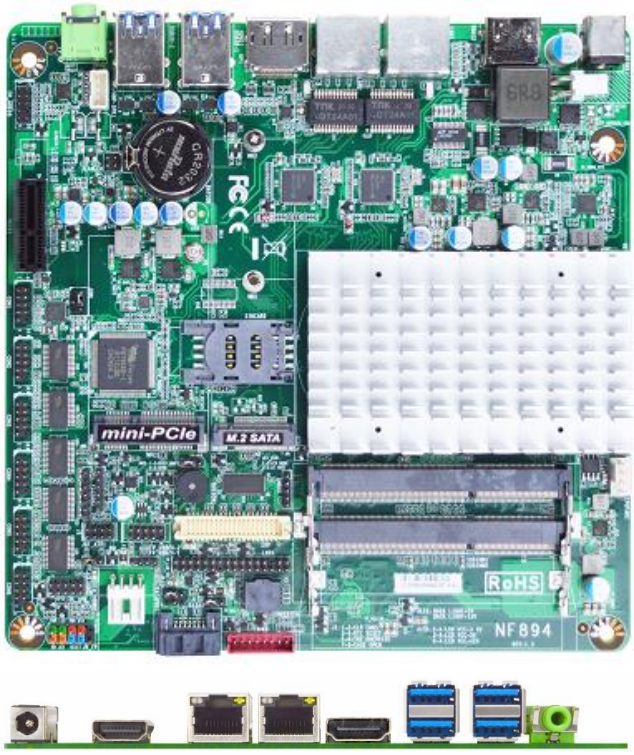
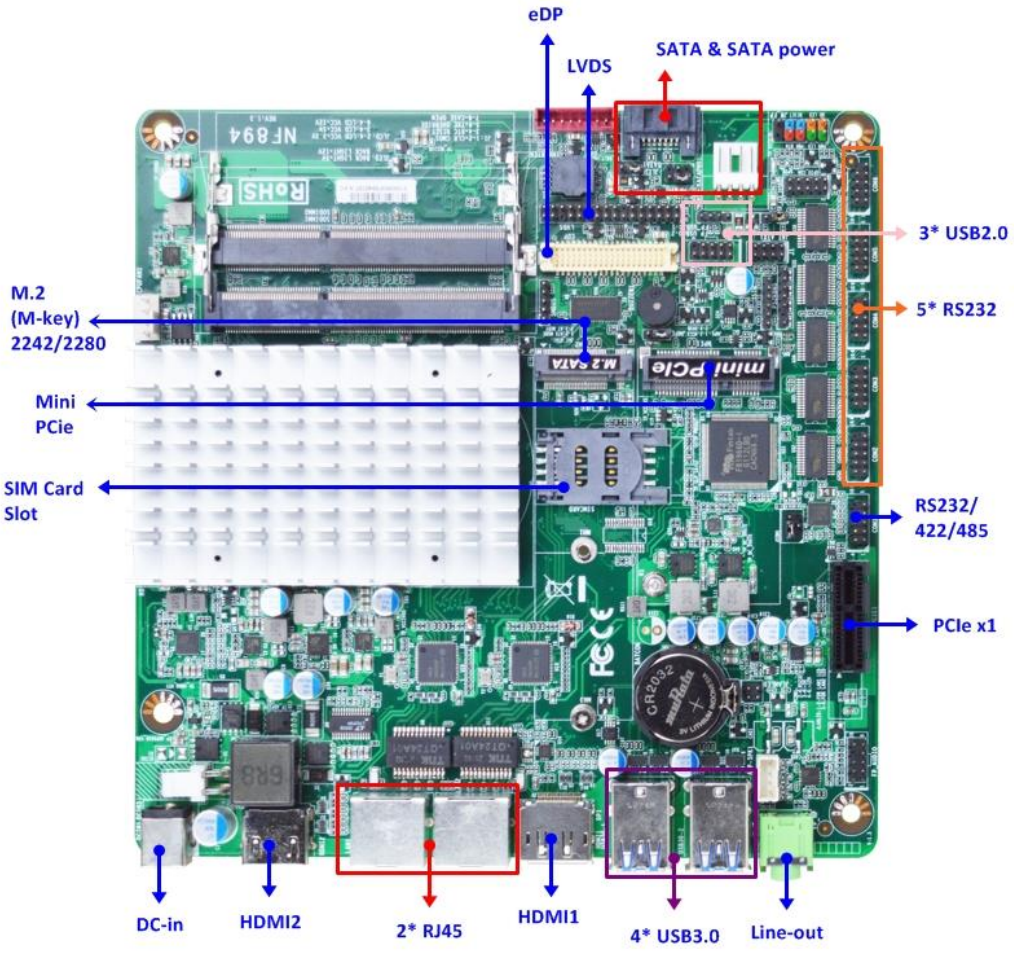
NF894N

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



Features

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



Model / Series	■ NF894N
Part No	■ JNF894N-3455, JNF894N32-3455 (32GB EMMC)
Processor	■ Intel Celeron J3455 Quad-Core, Apollo Lake Platform
Chipset	■ SoC
Video	■ Intel HD Graphics
Memory	■ 2 * 204-pin SO-DIMM slots supporting DDR3L-1866 up to 8GB total, 1.35V Required
Expansion Slots	■ PCI Express 2.0 x1 ■ 1 * Full-size Mini-PCIE slot with SIM Card Holder
Storage	■ 1 * SATA3 6Gb/s port ■ 1 * M.2 SATA M-key 2242/2280 ■ Optional 32GB eMMC
Audio	■ Realtek ALC888S HD audio, 3W Amplifier (L + R)
Network	■ 2 * Intel i211-AT Gigabit LAN
Other Features	■ Support AHCI, ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec., TPM optional
Rear Panel I/O	■ 4 * USB 3.0 ■ 2 * RJ-45 port ■ 2 * HDMI 1.4 (4K @24Hz) ■ Line-out ■ 9V - 36V DC-in
Internal I/O	■ 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
BIOS	■ AMI Flash ROM
Box Contents	■ NF894N Motherboard, I/O Shield
Certification	■ CE, FCC, RoHS, ErP/EuP, REACH
Temperature	■ Operating Temperature 0~60 ° C, Storage Temperature -20-85 ° C
Form Factor	■ Thin Mini-ITX Form Factor (170mm x 170mm)
Warranty	■ 2 Years Limited Warranty

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

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Tech.On The Move

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