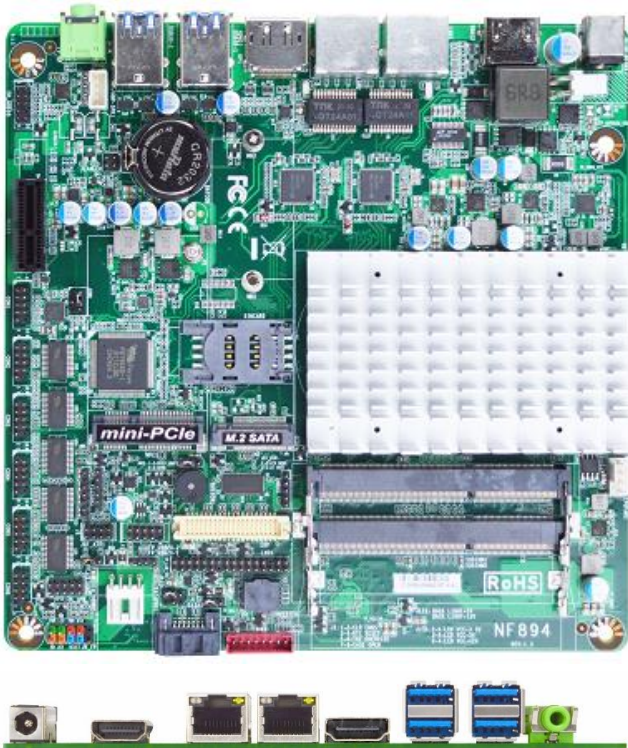


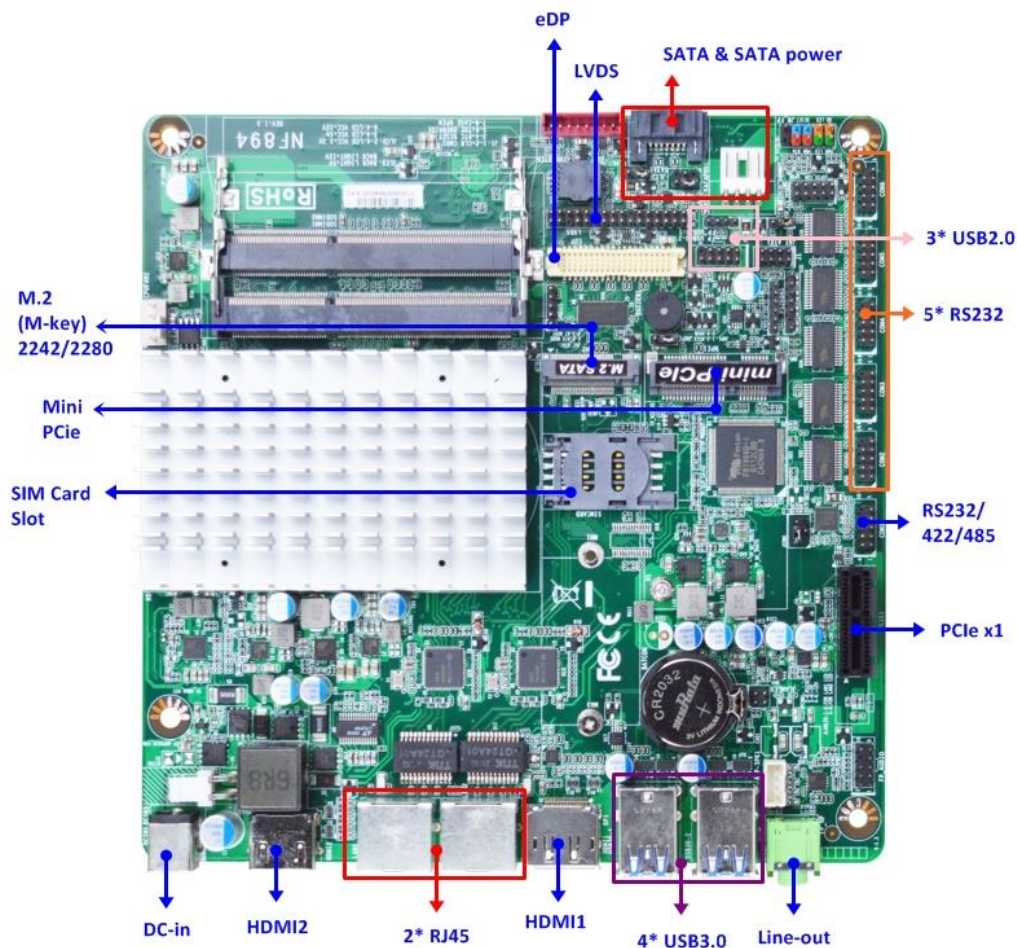
NF894V

Thin Mini-ITX Industrial Motherboard / Apollo Lake 2 HDMI / eDP/LVDS / 2 2.5GBE / 9 - 36V



Features

1. Industrial Embedded Motherboard with Planned Lifecycle Through Q3'2031
2. Intel Celeron J3455 Quad-Core, Apollo Lake Platform
3. 2 * DDR3L-1866 SODIMM slots supporting up to 8GB Total
4. 2 * Intel i225-LM 2.5GbE 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 | <ul style="list-style-type: none"> NF894V |
| Part No | <ul style="list-style-type: none"> JNF894V-3455 JNF894V32-3455 (32GB EMMC) |
| Processor | <ul style="list-style-type: none"> Intel Celeron J3455 Quad-Core, Apollo Lake Platform |
| Chipset | <ul style="list-style-type: none"> SoC |
| Video | <ul style="list-style-type: none"> Intel HD Graphics |
| Memory | <ul style="list-style-type: none"> 2 * 204-pin SO-DIMM slots supporting DDR3L-1866 up to 8GB total, 1.35V Required |
| Expansion Slots | <ul style="list-style-type: none"> PCI Express 2.0 x1 1 * Full-size Mini-PCIE slot with SIM Card Holder |
| Storage | <ul style="list-style-type: none"> 1 * SATA3 6Gb/s port 1 * M.2 SATA M-key 2242/2280 Optional 32GB eMMC |
| Audio | <ul style="list-style-type: none"> Realtek ALC888S HD audio, 3W Amplifier (L + R) |
| Network | <ul style="list-style-type: none"> 2 * Intel i225-LM 2.5GbE LAN |
| Other Features | <ul style="list-style-type: none"> Support AHCI, ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec., TPM optional |
| Rear Panel I/O | <ul style="list-style-type: none"> 4 * USB 3.0, 2 * RJ-45 port 2 * HDMI 1.4 (4K @24Hz) Line-out 9V - 36V DC-in |
| Internal I/O | <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> AMI Flash ROM |
| Box Contents | <ul style="list-style-type: none"> NF894V Motherboard, I/O Shield |
| Certification | <ul style="list-style-type: none"> CE, FCC, RoHS, ErP/EuP, REACH |
| Temperature | <ul style="list-style-type: none"> Operating Temperature 0~60 ° C, Storage Temperature -20-85 ° C |
| Form Factor | <ul style="list-style-type: none"> Thin Mini-ITX Form Factor (170mm x 170mm) |
| Warranty | <ul style="list-style-type: none"> 2 Years Limited Warranty |

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



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