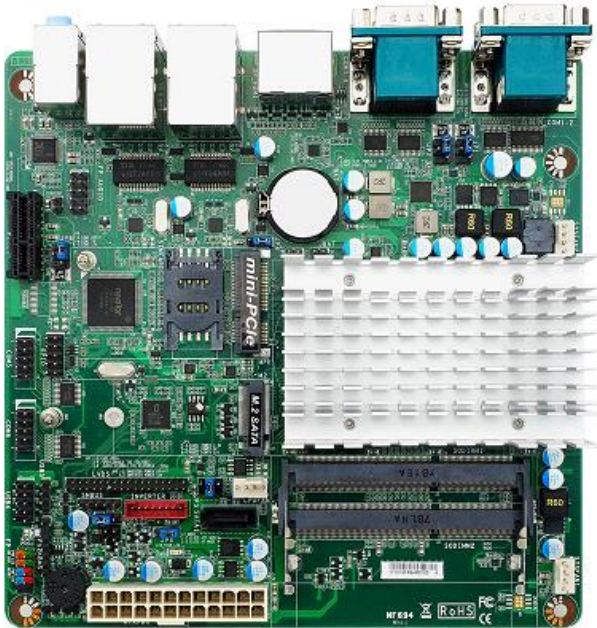


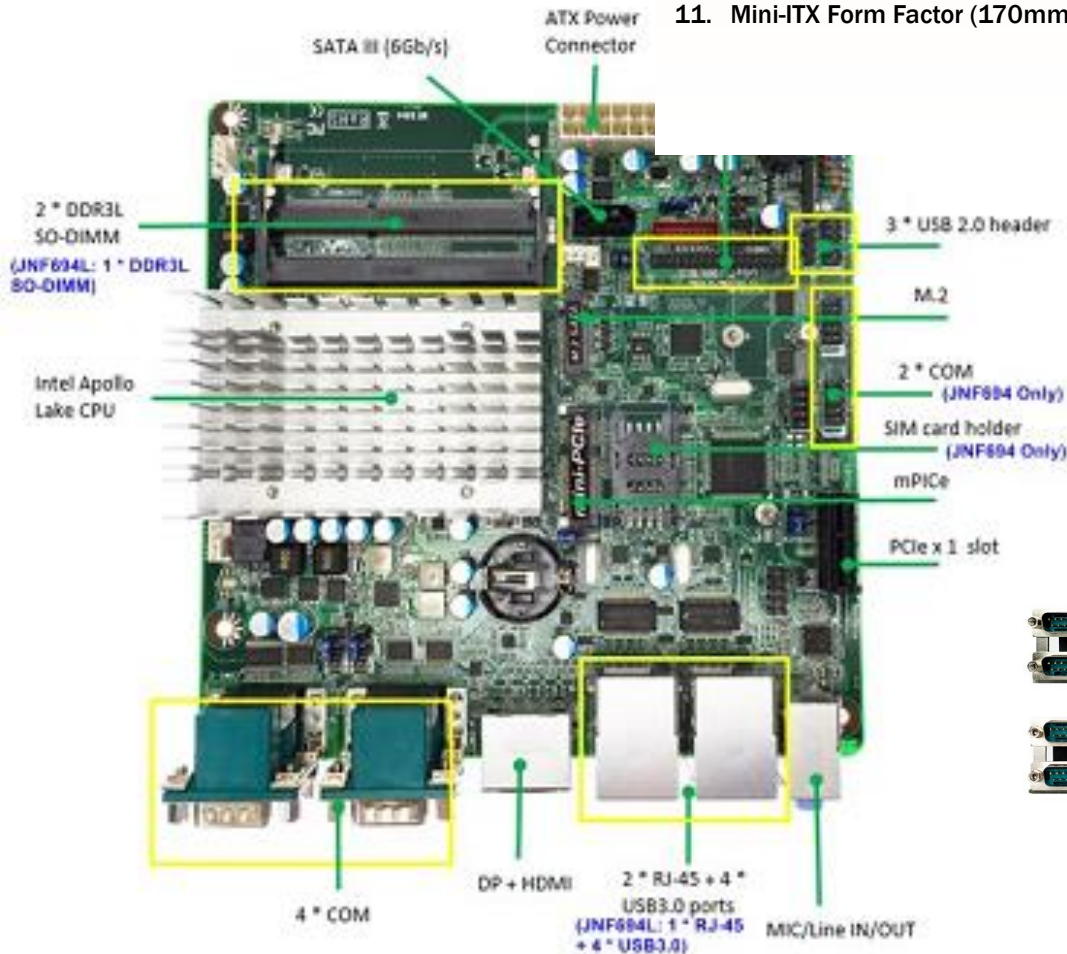
NF694

Mini-ITX Apollo Lake Industrial Motherboard 1 - 2 LAN / HDMI / DP 4K @60Hz / 4 - 6 COM



Features

1. Long-Life Embedded Class Industrial Motherboard with Planned Lifecycle Through Q3'2023
2. Intel Celeron N3350 Dual-Core or Intel Pentium N4200 Quad-Core, 6W SOC Processors
3. Supports DDR3L-1866 SODIMM up to 8GB Total
4. DisplayPort 4K @60Hz, HDMI 4K @24Hz, 24bit LVDS
5. Realtek RTL8111H Gigabit LAN (2 on NF694, 1 on NF694L)
6. 1 * SATA3 6Gb/s, 1 * M.2 SATA 2242/2260
7. 1 * Full-size Mini-PCIE Slot, SIM Card Holder (on NF694)
8. 4 * USB 3.0 Ports, 3 * USB 2.0 Ports, PCIE x1 slot
9. 4 - 6 * Serial Ports, 8-bit GPIO, Watchdog Timer
10. 24-pin ATX Power Connector
11. Mini-ITX Form Factor (170mm x 170mm)



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NF694

Model	<ul style="list-style-type: none">■ 3350, 4200■ 3350L, 4200L (for single lan)
Processor	■ Intel Celeron N3350 Dual-core / Intel Pentium N4200 Quad-core SoC, 6W TDP
Chipset	■ SoC
Video	■ N3350: Intel HD Graphics 500, 200-650MHz, N4200: Intel HD Graphics 505, 200-750MHz
Memory	■ 204-pin SO-DIMM slot DDR3L-1866 up to 8GB total (2 slot on NF694, 1 slot on NF694L)
Expansion Slots	■ PCI Express x1, Full-size Mini-PCI Express slot, 3G SIM Card Holder(SIM on NF694 only)
Storage	■ 1 * SATA3 6Gb/s port, 1 * M.2 SATA M-key 2242/2260
Audio	■ Realtek ALC662 HD audio
Network	■ Realtek RTL8111H Gigabit LAN (2 ports on NF694, 1 port on NF694L)
Other Features	■ Support ACPI S3, AHCI, CPU Smart FAN, Watchdog Timer 10-255 min/sec
Rear Panel I/O	<ul style="list-style-type: none">■ 4 x USB 3.0 ports■ 4 x Serial ports (NF694 :1 x RS232/422/485, 3 x RS232, NF694L : 4 x RS232)■ RJ-45 ports (2 on NF694, 1 on NF694L)■ DisplayPort 4K @60Hz, HDMI 4K @24Hz■ Line-out, line-in, Mic jacks
Front Panel I/O	■ None
Internal I/O	<ul style="list-style-type: none">■ 2 x USB Headers for 3 x USB 2.0 ports■ 2 x Serial port headers (2 x RS232) (on NF694 only)■ SMBus header, 24bit LVDS & Inverter, PS/2 combo MS/KB header■ 8-bit GPIO header, AT/ATX power switch mode jumper■ 24-pin ATX power connector
BIOS	■ AMI 128Mb Flash ROM
Temperature	■ Operating Temperature 0~60 ° C, Storage Temperature -20-85 ° C
Form Factor	■ Mini-ITX Form Factor (170mm x 170mm)

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

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