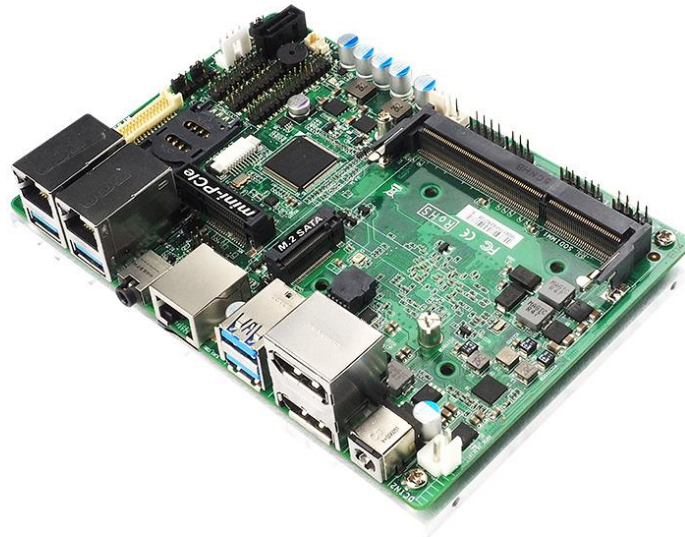
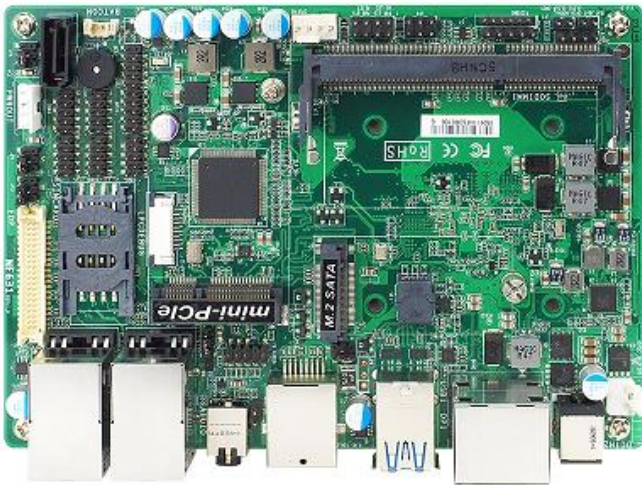


NF631

3.5" SBC Apollo Lake Industrial Motherboard 2 Intel LAN / 4K 2*DP/eDP / 6 COM / 12V

Features

1. CPU Mounted on Bottom of Motherboard for Easy Integration into Fanless Systems
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. 2 * DisplayPort 4K @60Hz, eDP 4K @60Hz
5. 2 * Intel i211-AT Gigabit LAN
6. 1 * SATA3 6Gb/s, 1 * M.2 SATA 2242, 1 * Micro SD Slot
7. 1 * Full-size Mini-PCIE Slot, SIM Card Holder
8. 4 * USB 3.0 Port2, 2 * USB 2.0 Ports
9. 6 * Serial Ports, 8-bit GPIO, Watchdog Timer
10. 12V DC-In Jack or 2-pin Alternate internal Connector
11. 3.5" SBC Form Factor (148mm x 102mm)



Model / Series	<ul style="list-style-type: none"> NF631
Part No	<ul style="list-style-type: none"> JNF631-3350 JNF631-4200
Processor	<ul style="list-style-type: none"> Intel Celeron N3350 Dual-core / Intel Pentium N4200 Quad-core SoC, 6W TDP *Ships with black finned heatsink for bench testing
Chipset	<ul style="list-style-type: none"> SoC
Video	<ul style="list-style-type: none"> N3350: Intel HD Graphics 500, 200-650MHz, N4200: Intel HD Graphics 505, 200-750MHz
Memory	<ul style="list-style-type: none"> 1 * 204-pin SO-DIMM slot supporting DDR3L-1866 up to 8GB total, 1.35V required
Expansion Slots	<ul style="list-style-type: none"> 1 * Full-size Mini-PCI Express slot, 3G SIM Card Holder
Storage	<ul style="list-style-type: none"> 1 * SATA3 6Gb/s port, 1 * M.2 SATA M-key 2242 length only 1 * Micro SD slot
Audio	<ul style="list-style-type: none"> Realtek ALC662 HD audio
Network	<ul style="list-style-type: none"> 2 * Intel i211-AT Gigabit LAN
Other Features	<ul style="list-style-type: none"> Support ACPI S3, AHCI, CPU Smart FAN, Watchdog Timer 10-255 min/sec
Rear Panel I/O	<ul style="list-style-type: none"> 4 * USB 3.0 ports 2 * RJ-45 LAN ports, 1 * RJ-45 Serial port (RS232) 2 * DisplayPort 4K @60Hz Line-out & Mic combo jack +12V DC-in jack (2.5mm ID/5.5mm OD)
Front Panel I/O	<ul style="list-style-type: none"> None
Internal I/O	<ul style="list-style-type: none"> 1 * USB Header for 2 * USB 2.0 ports 5 * Serial port headers (4 * RS232, 1 * RS232/422/485) 1 * PS2 KB/MS combo header, SMBus/I2C header, eDP 4K @60Hz 8-bit GPIO header, AT/ATX power switch mode jumper 2-pin 12V Alternative power connector
BIOS	<ul style="list-style-type: none"> AMI 128Mb Flash ROM
Box Contents	<ul style="list-style-type: none"> NF631 Motherboard, Internal Power Cable, Manual, DVD Driver Disk
Certification	<ul style="list-style-type: none"> CE, FCC, RoHS, ErP
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"> 3.5" SBC Form Factor (148mm x 102mm)
Warranty	<ul style="list-style-type: none"> 2 Years Limited Warranty

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



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