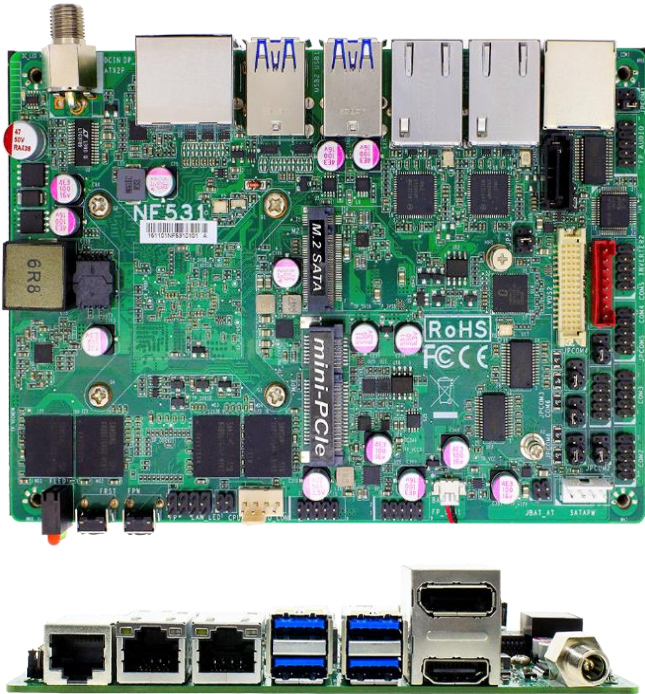


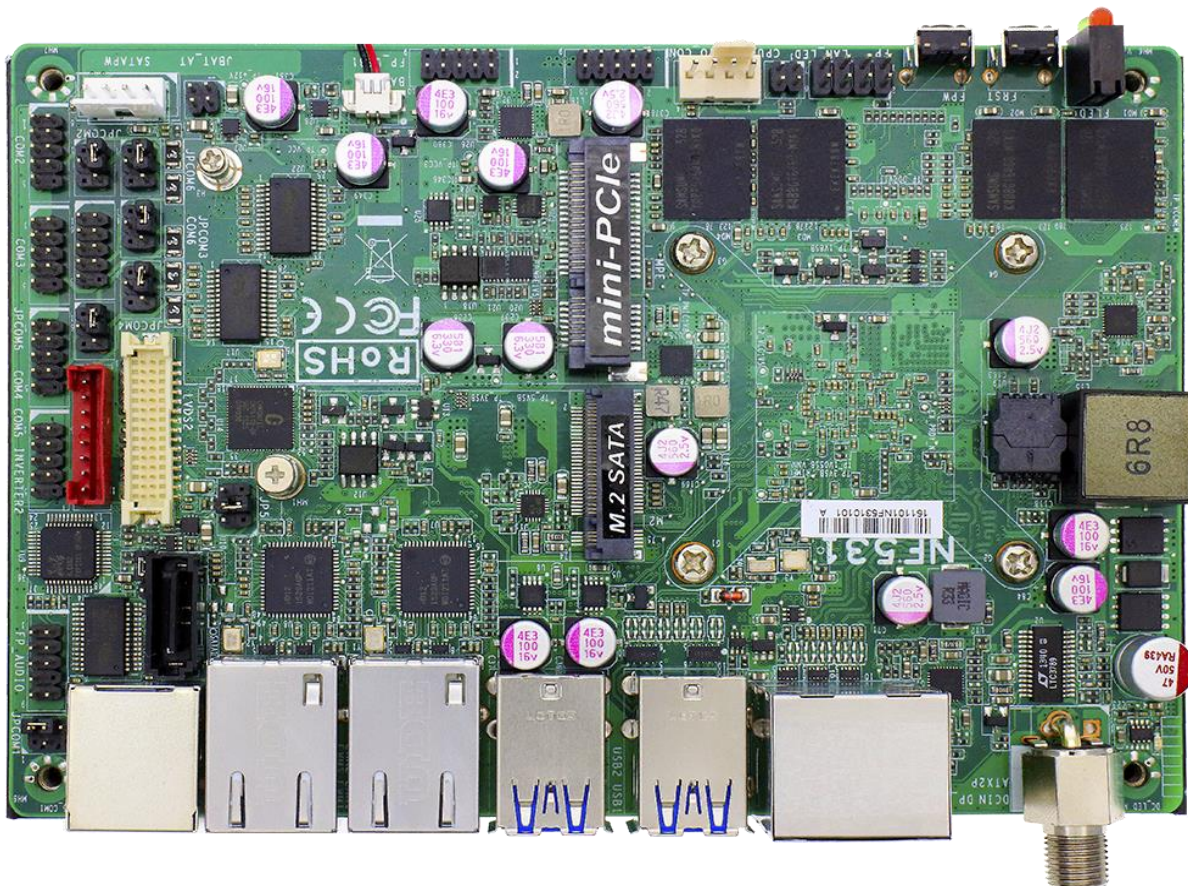
NF531

3.5" SBC Industrial Motherboard / 4K Ready Braswell / 4GB DDR3L / 2 Intel LAN / M.2



Features

1. Industrial Embedded Motherboard with Planned Lifecycle Through Q1'2023
2. CPU Mounted on Bottom of Motherboard for Easy Integration into Fanless Systems
3. Fanless Intel Celeron N3150/N3160 SoC Processor, Quad-Core, Braswell-M, 6W TDP
4. Onboard 4GB DDR3L-1600 Memory
5. DisplayPort, HDMI, 24-bit LVDS
6. 2 * Intel i211-AT Gigabit LAN Ports, HD Audio Headers
7. 1 * SATA3 6Gb/s Ports, 1 * M.2 SATA M-key 2242 Slot
8. 1 * Full-size mini-PCIE Slot
9. 4 * USB 3.0 Ports, 2 * USB 2.0 Ports
10. 5*Serial Ports (1*RS232/422/485, 5*RS232)
11. GPIO, Watchdog Timer, AT/ATX Power Switch Mode
12. 9~36V DC-in Locking jack
13. Compatible with Windows 8.1, 10, Linux
14. 3.5" SBC Form Factor (148mm x 102mm)



Model / Series	<ul style="list-style-type: none"> NF531
Part No	<ul style="list-style-type: none"> JNF531D4-3150 JNF531D4-3160
Processor	<ul style="list-style-type: none"> Fanless Intel Celeron N3150 SoC Processor, Quad-Core, 1.6GHz, 2.08GHz Burst Fanless Intel Celeron N3160 SoC Processor, Quad-Core, 1.6GHz, 2.24GHz Burst
Chipset	<ul style="list-style-type: none"> None
Video	<ul style="list-style-type: none"> Intel HD Graphics in processor, 320 – 640MHz
Memory	<ul style="list-style-type: none"> Onboard 4GB DDR3I-1600 memory, non-expandable
Expansion Slots	<ul style="list-style-type: none"> 1 * Full-size Mini-PCI Express slot
Storage	<ul style="list-style-type: none"> 1 * SATA3 6Gb/s ports 1 * M.2 slot (M-key, SATA interface, 2242 only)
Audio	<ul style="list-style-type: none"> Realtek ALC662 HD Audio headers (line-out, Mic)
Network	<ul style="list-style-type: none"> 2 * Intel i211-AT Gigabit LAN
Other Features	<ul style="list-style-type: none"> Support AHCI, ACPI S3, 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 DisplayPort (3840x2160 @30Hz, 2560x1600 @60Hz) HDMI (3840x2160 @30Hz, 2560x1600 @60Hz) 1 * Serial RJ45 port (RS232/422/485) +9~36V DC-in locking jack (1-pin 2.5mm ID/5.5mm OD, locking)
Internal I/O	<ul style="list-style-type: none"> 1 * USB header for 2 * USB 2.0 ports 24bit Dual Channel LVDS & Inverter, AT/ATX power switch mode 5 * Serial port headers (4*RS232, 1*RS232/422/485) 8-bit GPIO header, Chassis Intrusion header
BIOS	<ul style="list-style-type: none"> AMI 64MB Flash ROM
Box Contents	<ul style="list-style-type: none"> NF531 Motherboard, SATA Cable, Power Cable, COM cable, Manual, DVD Driver Disk
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"> 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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