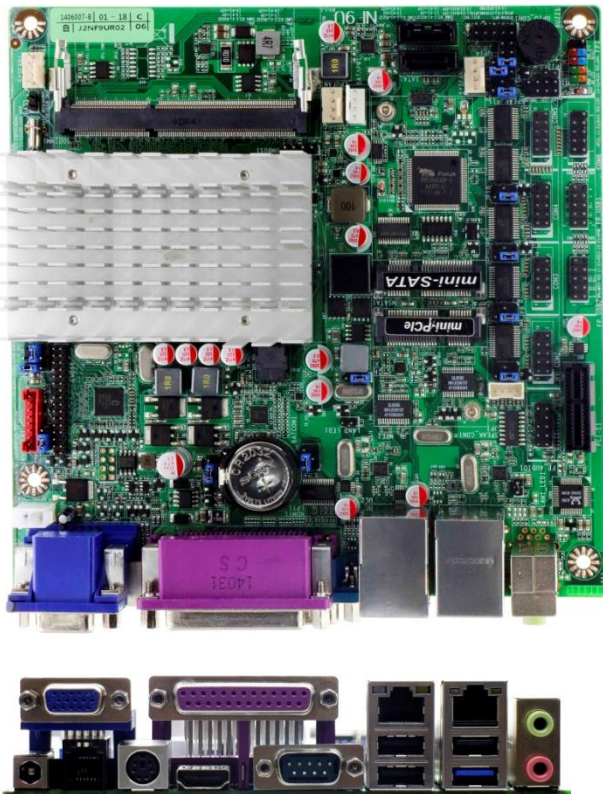


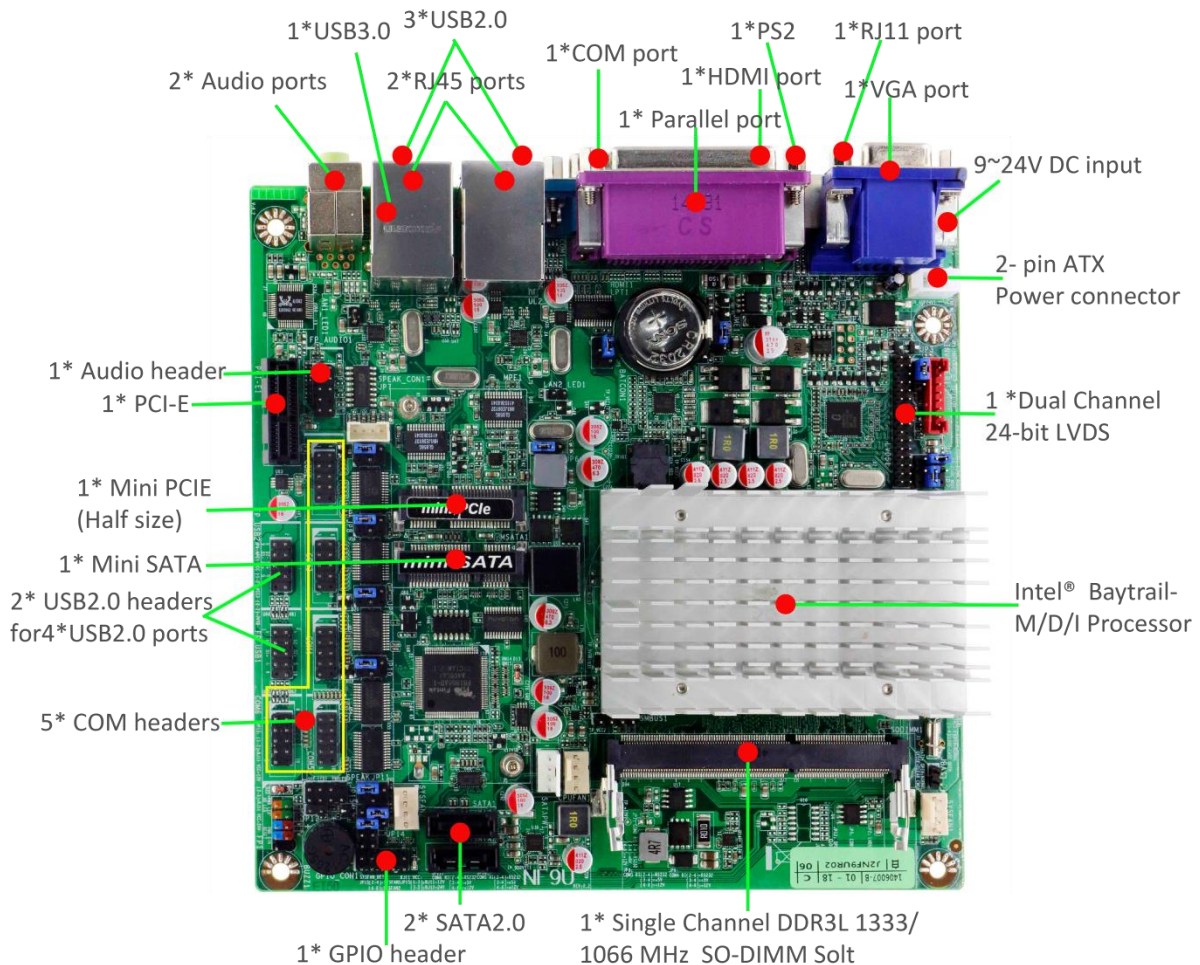
NF9U Series

Mini-ITX Industrial Point-of-Sale (POS) Motherboard HDMI/VGA/LVDS /6 COM / RJ11 / 2 LAN / 9V ~ 24V



Features

1. Industrial Motherboard Designed for Point of Sale (POS) Systems with Planned Lifecycle Through Q1'2029
2. Intel Celeron N2930 SoC Processor, Quad-Core, 1.83GHz, 2.16GHz Burst, Bay Trail-M, 7.5W TDP / 4.5W SDP
3. Supports DDR3L-1333 SODIMM up to 8GB Total
4. Supports up to 2 Displays, HDMI, VGA, 24bit LVDS
5. 2 * SATA2 3Gb/s Ports, 1 * Full-size mSATA Slot,
6. 1 * PCI Express 2.0 x1, 1 * Half-size mini-PCIE Slot
7. Dual Gigabit LAN, HD Audio, 6* Serial Ports (1-EXT, 5-INT)
8. External Parallel Port, RJ11 Jack for Cash Drawer (12V/24V)
9. 1 * USB 3.0 Port, 7 * USB 2.0 Ports, PS/2 Port
10. 9V ~ 24V DC-in or Alternate Internal 2-pin Power Connector
11. Compatible with Win 7, Win 8.1, Linux
12. Mini-ITX Form Factor (170mm x 170mm)



Model / Series	■ NF9U
Part No	■ JNF9U-2930
Processor	■ Intel Celeron N2930 SoC Processor, Quad-Core, 1.83GHz, 2.16GHz Burst, Bay Trail-M, 22nm, 7.5W TDP / 4.5W SDP, 2MB Cache
Chipset	■ None
Video	■ Intel HD Graphics in processor, 313 – 854MHz
Memory	■ 1 * 204-pin SO-DIMM slot supporting DDR3L-1333 up to 8GB total ■ 1.35V Memory required
Expansion Slots	■ 1 * PCI Express 2.0 x1 Slot, 1 * PCI Express mini card slot (half-size)
Storage	■ 2 * SATA2 3Gb/s ports, 1 * mSATA slot (Full-size)
Audio	■ Realtek ALC662 2-Channel HD Audio, 3W Amplifier
Network	■ 2 * Realtek RTL8111G Gigabit LAN
Other Features	■ Support AHCI, ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec
Rear Panel I/O	■ 1 * USB 3.0 Port, 3 * USB 2.0 Ports, 2 * RJ-45 Port ■ 1 * Serial Port (1 * RS232/422/485) ■ 1 * HDMI, 1 * VGA, 1 * PS/2 Combo port, Parallel port ■ 2 * Audio Jack (Line Out, Mic) ■ +9V ~ +24V DC-in jack (1-pin 2.5mm ID/5.5mm OD)
Internal I/O	■ 2 * USB Headers for 4 * USB 2.0 Ports ■ 1 * 24bit dual channel LVDS & Inverter ■ 1 * AT/ATX power switch mode select jumper ■ 5 * Serial Port Headers (5 * RS232), SMBUS Header ■ 8-bit GPIO Header, Chassis Intrusion Header ■ Alternate 2-pin +9V ~ +24V internal power connector
BIOS	■ AMI 64MB SMT Flash ROM
Box Contents	■ NF9U Motherboard, SATA Cable, COM Cable, Manual, DVD Driver Disk, I/O Shield
Certification	■ CE, FCC, RoHS, ErP/EuP, REACH
Temperature	■ Operating Temperature 0~60 ° C, Storage Temperature -20-85 ° C
Form Factor	■ Mini-ITX Form Factor (170mm x 170mm)
Warranty	■ 2 Years Limited Warranty

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



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