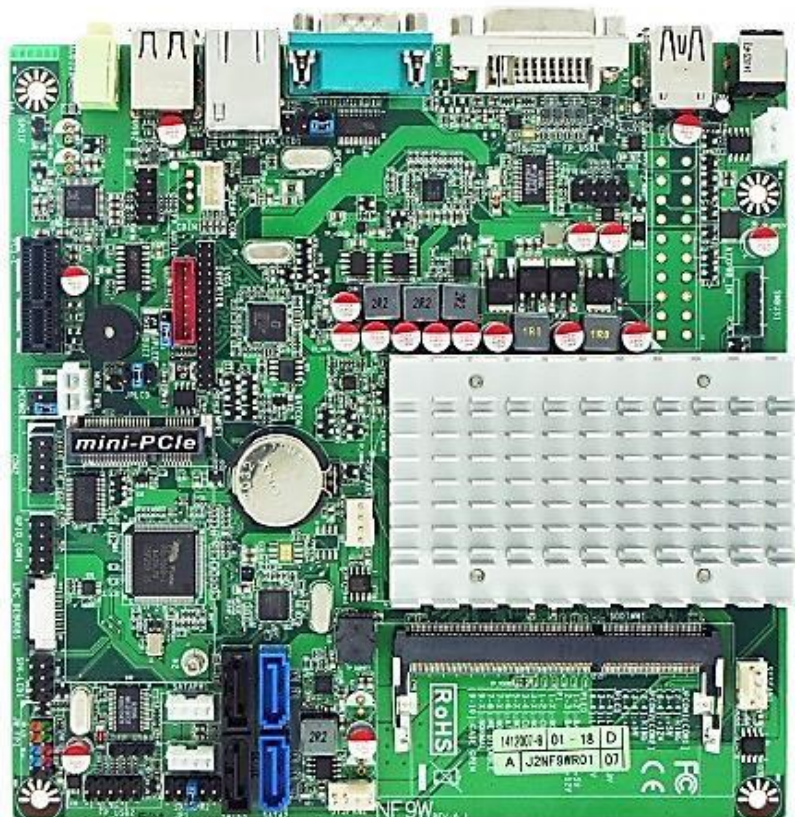
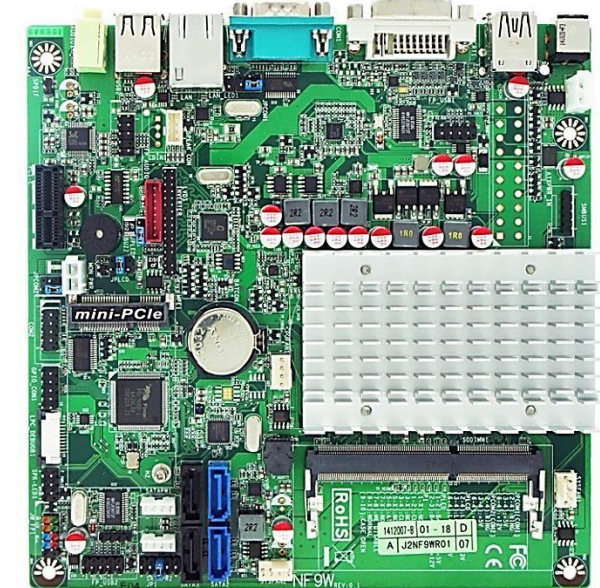


# NF9W

## Thin Mini-ITX Industrial Motherboard 4 SATA Ports / LVDS / DVI-I / 12V

### Features

- Industrial Motherboard Designed for Point of Sale (POS) Systems with Planned Lifecycle Through Q1'2029
- Intel Celeron N2930 SoC Processor, Quad-Core, 1.83GHz, 2.16GHz Burst, Bay Trail-M, 7.5W TDP
- Supports DDR3L-1333 SODIMM up to 8GB Total
- Supports up to 2 Displays, DVI-I, 24bit LVDS
- 2 \* SATA3 6Gb/s Ports, 2 \* SATA2 3Gb/s Ports
- 1 \* PCI Express 2.0 x1, 1 \* Full-size mini-PCIE Slot
- Gigabit LAN, HD Audio, 2\* Serial Ports (1-EXT, 1-INT)
- 1 \* USB 3.0 Port, 8 \* USB 2.0 Ports
- 12V DC-in or Alternate Internal 2-pin Power Connector
- Compatible with Win 7, Win 8.1, Linux
- Mini-ITX Form Factor (170mm x 170mm)



<b>Model / Series</b>	■ NF9W
<b>Part No</b>	■ JNF9W-2930
<b>Processor</b>	■ Fanless Intel Celeron N2930 SoC Processor, Quad-Core, 1.83GHz, 2.16GHz Burst, Bay Trail-M, 22nm, 7.5W TDP
<b>Chipset</b>	■ None
<b>Video</b>	■ Intel HD Graphics in processor, 313 – 854MHz
<b>Memory</b>	■ 1 * 204-pin SO-DIMM slot supporting DDR3L-1333 up to 8GB total ■ 1.35V Memory required
<b>Expansion Slots</b>	■ 1 * PCI Express 2.0 x1 Slot, 1 * PCI Express mini card slot (Full-size)
<b>Storage</b>	■ 2 * SATA3 6Gb/s ports, 2 * SATA2 3Gb/s ports
<b>Audio</b>	■ Realtek ALC662 2-Channel HD Audio, 3W Amplifier
<b>Network</b>	■ Realtek RTL8111G Gigabit LAN
<b>Other Features</b>	■ Support AHCI, ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec
<b>Rear Panel I/O</b>	■ 1 * USB 3.0 Port, 3 * USB 2.0 Ports, 1 * RJ-45 Port ■ 1 * Serial Port (RS232/422/485) ■ DVI-I, Line Out ■ +12V DC-in jack (1-pin 2.5mm ID/5.5mm OD)
<b>Internal I/O</b>	■ 3 * USB Headers for 5 * USB 2.0 Ports ■ 1 * 24bit dual channel LVDS & Inverter ■ 1 * AT/ATX power switch mode select jumper ■ 1 * Serial Port Headers (RS232), SMBUS Header ■ 8-bit GPIO Header, Chassis Intrusion Header ■ Alternate 2-pin +12V internal power connector
<b>BIOS</b>	■ AMI 64Mb SMT Flash ROM
<b>Box Contents</b>	■ NF9W Motherboard, SATA Cable, COM Cable, Manual, DVD Driver Disk, Standard and & Thin I/O Shields
<b>Certification</b>	■ CE, FCC, RoHS, ErP/EuP, REACH
<b>Temperature</b>	■ Operating Temperature 0~60 ° C, Storage Temperature -20-85 ° C
<b>Form Factor</b>	■ Mini-ITX Form Factor (170mm x 170mm)
<b>Warranty</b>	■ 2 Years Limited Warranty

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



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