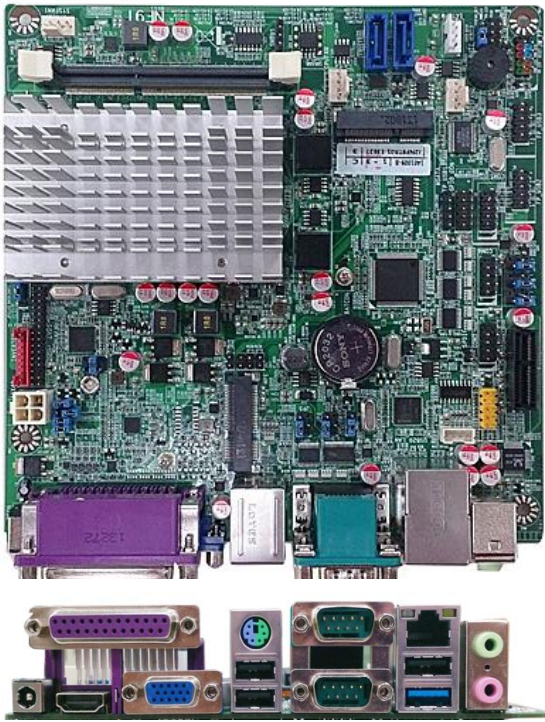


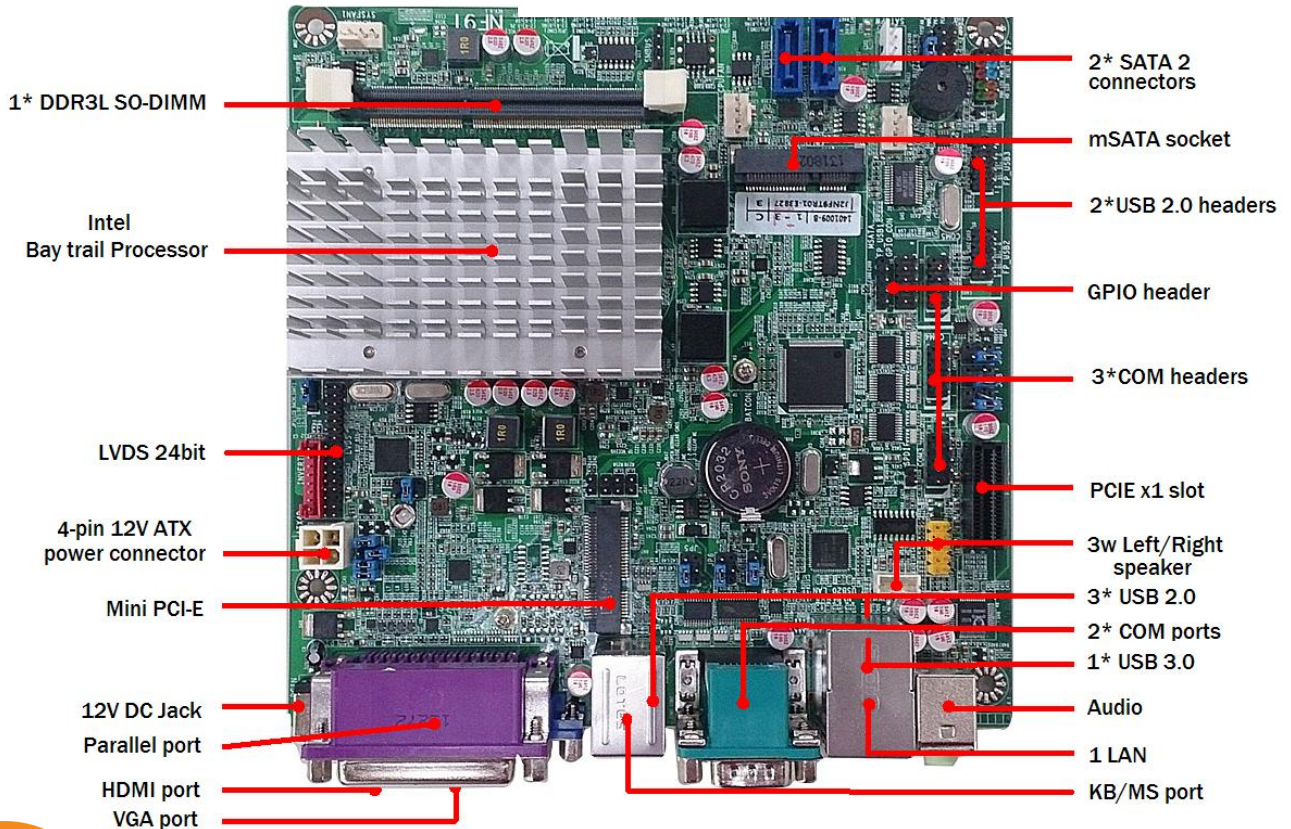
# NF9T Series

Mini-ITX Industrial Motherboard / Celeron N2930  
HDMI/VGA/LVDS / 5 COM / Intel LAN / 12V DC



## Features

1. Long-Life Embedded Industrial Motherboard with Planned Lifecycle Through Q1'2019
2. Intel Celeron N2930 SoC Processor, Quad-Core, 1.83GHz, 2.16GHz Burst, Bay Trail-M, 7.5W TDP / 4.5W SDP
3. Supports up to 2 Displays, HDMI, VGA, 24bit LVDS
4. Supports DDR3L-1333 SODIMM up to 8GB Total
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. Intel Gigabit LAN, HD Audio, 5 \* Serial Ports (2-EXT, 3-INT)
8. 1 \* USB 3.0 Port, 8 \* USB 2.0 Ports, Watchdog Timer, GPIO
9. 12V DC-in or Alternate 4-pin Internal Power Connector
10. Mini-ITX Form Factor (170mm x 170mm)
11. Also Available with Atom E3827 CPU, Part#: JNF9T-3827



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|                        |   |
|------------------------|---|
| <b>Model / Series</b>  | ■ NF9T  |
| <b>Part No</b>         | ■ JNF9T-2930  |
| <b>Processor</b>       | ■ Intel Celeron N2930 SoC Processor, Quad-Core, 1.83GHz, 2.16GHz Burst, Bay Trail-M, 22nm, 7.5W TDP / 4.5W SDP, 2MB Cache   |
| <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<br>■ 1.35V Memory required   |
| <b>Expansion Slots</b> | ■ 1 * PCI Express 2.0 x1 Slot, 1 * PCI Express mini card slot (half-size)   |
| <b>Storage</b>         | ■ 2 * SATA2 3Gb/s ports, 1 * mSATA slot (Full-size)   |
| <b>Audio</b>           | ■ Realtek ALC662 2-Channel HD Audio, 3W Amplifier   |
| <b>Network</b>         | ■ 1 * Intel 82583V 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 Ports, 3 * USB 2.0 Ports, 1 * RJ-45 Port<br>■ 2 * Serial Port (1 * RS232, 1 * RS232/422/485)<br>■ 1 * HDMI, 1 * VGA, 1 * PS/2 Combo port, Parallel port<br>■ 2 * Audio Jack (Line Out, Mic)<br>■ +12V DC-in jack  |
| <b>Internal I/O</b>    | ■ 3 * USB Headers for 5 * USB 2.0 Ports<br>■ 1 * 24bit dual channel LVDS & Inverter<br>■ 1 * AT/ATX power switch mode select jumper<br>■ 3 * Serial Port Headers (RS232), SMBUS Header<br>■ 8-bit GPIO Header, Chassis Intrusion Header<br>■ Alternate 4-pin 12V internal power connector |
| <b>BIOS</b>            | ■ AMI 64MB SMT Flash ROM  |
| <b>Box Contents</b>    | ■ NF9M Motherboard, SATA Cable, Manual, DVD Driver Disk, Thin & Standard I/O Shields  |
| <b>Certification</b>   | ■ CE, FCC, RoHS, ErP/EuP  |
| <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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