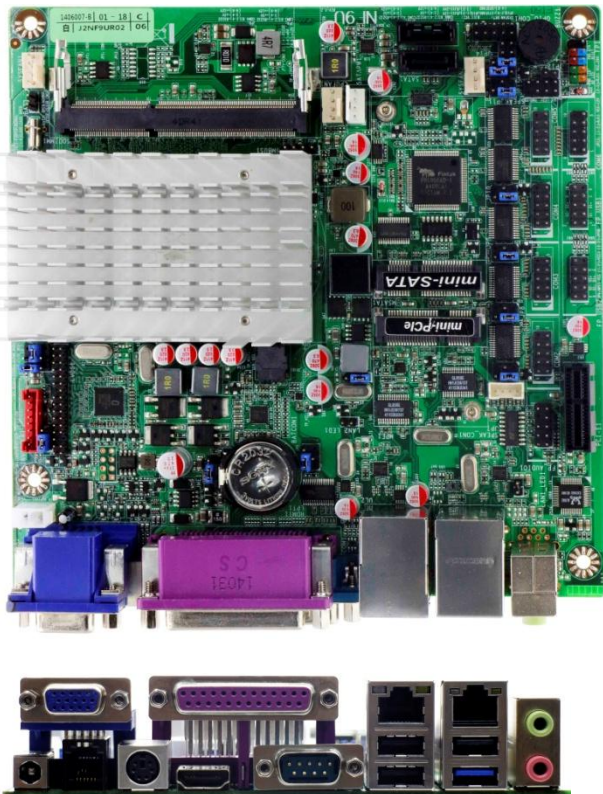


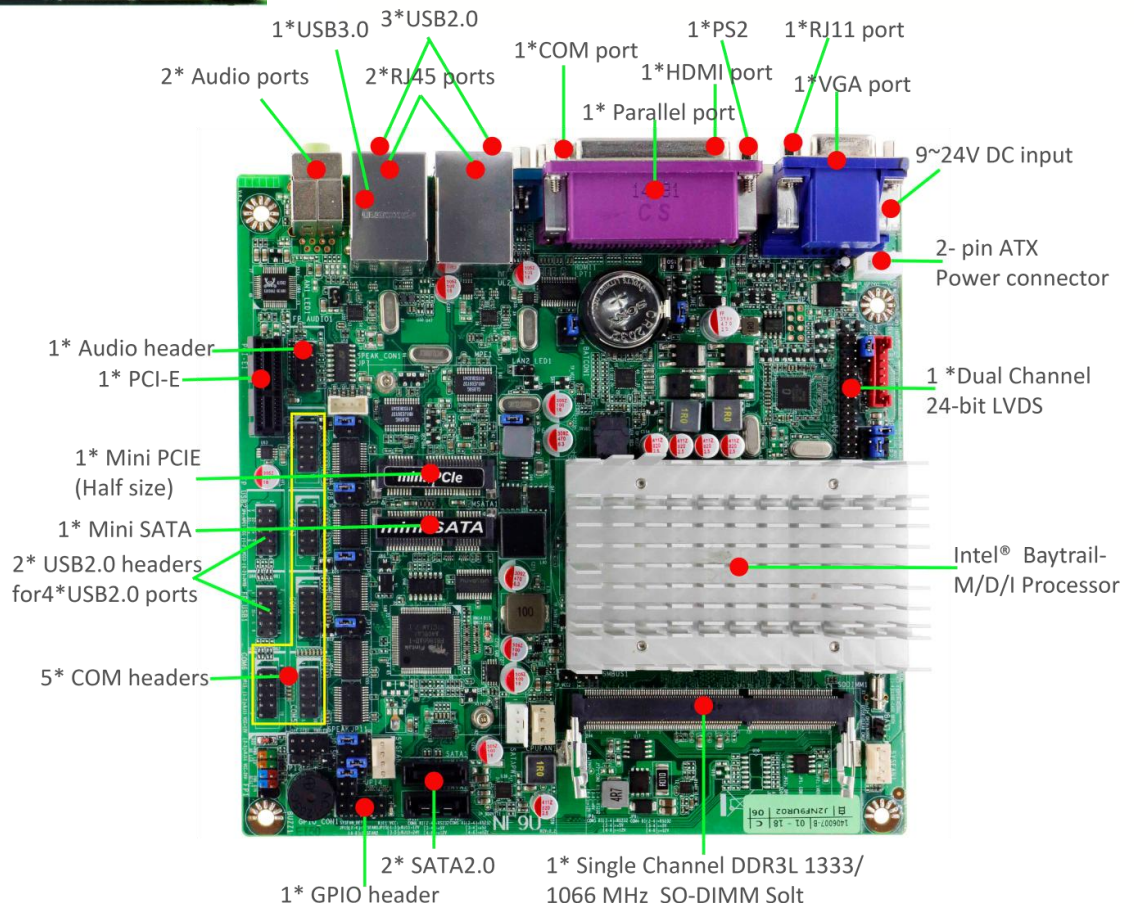
# NF9U Series

## 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 Q1'2019
2. Intel Celeron N2930 SoC Processor, Quad-Core, 1.83GHz, 2.16GHz Burst, Bay Trail-M, 7.5W TDP / 4.5W SDP
3. Supports 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)



eMail: [info@ibtpanelpc.com](mailto:info@ibtpanelpc.com)

Toll Free: 1(866) 590-4288

**iBT Technologies inc.**

Tel. (514) 832-0808 Fax. (514) 832-0128

[www.ibtpanelpc.com](http://www.ibtpanelpc.com)

<b>Model / Series</b>	■ NF9U
<b>Part No</b>	■ JNF9U-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 ■ 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>	■ 2 * 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, 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)
<b>Internal I/O</b>	■ 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
<b>BIOS</b>	■ AMI 64MB SMT Flash ROM
<b>Box Contents</b>	■ NF9U Motherboard, SATA Cable, COM Cable, Manual, DVD Driver Disk, I/O Shield
<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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eMail: [info@ibtpanelpc.com](mailto:info@ibtpanelpc.com) **iBT Technologies inc.**  
Toll Free: 1(866) 590-4288 Tel. (514) 832-0808 Fax. (514) 832-0128