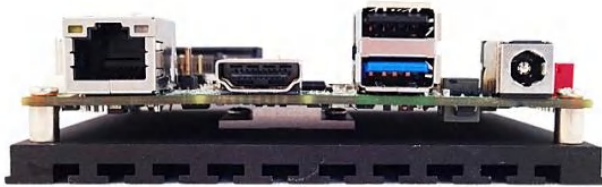


# NP93 Series

Pico-ITX Industrial Motherboard for Fanless Systems / Intel Bay Trail / 1 HDMI / 1 LAN / 12V



## Features

1. Long-Life Embedded Class Industrial Motherboard with Planned Lifecycle Through Q1'2019
2. CPU Mounted on Bottom of Motherboard for Easy Integration into Fanless Systems
3. Intel Celeron N2930 SoC, 1.83GHz, Quad-Core, 7.5W
4. Intel Celeron N2807 SoC, 1.58GHz, Dual-Core, 4.3W
5. Onboard 2GB DDR3L-1333 Memory
6. Supports up to 2 Displays, HDMI, 24bit LVDS
7. 1 \* SATA2 3Gb/s Port
8. 1 \* Full-size mSATA Slot
9. 1 \* Half-size Mini-PCIE Slot
10. 1 \* Gigabit LAN, HD Audio
11. 2 \* Serial Port Headers, Watchdog Timer
12. 12V DC-In Jack
13. Pico-ITX Form Factor (100mm x 72mm)



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)

# NP93 Series

<b>Model / Series</b>	<ul style="list-style-type: none"><li>NP93</li></ul>
<b>Part No</b>	<ul style="list-style-type: none"><li>JNP93 2930 (onboard Celeron N2930)</li><li>JNP93 2807 (onboard Celeron N2807)</li></ul>
<b>Processor</b>	<ul style="list-style-type: none"><li>Intel Celeron N2930 SoC, 1.83GHz - 2.16GHz burst, Quad-Core, 7.5W TDP / 4.5W SDP</li><li>Intel Celeron N2807 SoC, 1.58GHz - 2.16GHz burst, Dual-Core, 4.3W</li><li>Passive heatsink installed for bench testing</li></ul>
<b>Chipset</b>	<ul style="list-style-type: none"><li>SoC</li></ul>
<b>Video</b>	<ul style="list-style-type: none"><li>Intel HD Graphics, N2930: 313-854MHz, N2807: 313-750MHz</li></ul>
<b>Memory</b>	<ul style="list-style-type: none"><li>Onboard 2GB DDR3L 1333, non expandable</li></ul>
<b>Expansion Slots</b>	<ul style="list-style-type: none"><li>1 * mini-PCI Express slot (Half-size)</li></ul>
<b>Storage</b>	<ul style="list-style-type: none"><li>1 * SATA2 3Gb/s port</li><li>1 * mSATA slot (Full-size)</li></ul>
<b>Audio</b>	<ul style="list-style-type: none"><li>Realtek ALC662 HD Audio, Line-out header, Mic-in header</li></ul>
<b>Network</b>	<ul style="list-style-type: none"><li>1 * Realtek RTL8111G Gigabit LAN</li></ul>
<b>Other Features</b>	<ul style="list-style-type: none"><li>Support ACPI S3, AHCI, CPU Smart FAN, Watchdog Timer 10-255 min/sec</li></ul>
<b>Rear Panel I/O</b>	<ul style="list-style-type: none"><li>1 * USB 3.0 port, 1 * USB 2.0 ports</li><li>1 * RJ-45 port</li><li>1 * HDMI port</li><li>12V DC-in jack (1-pin 2.5mm ID / 5.5mm OD)</li></ul>
<b>Front Panel I/O</b>	<ul style="list-style-type: none"><li>Power Button, Power LED</li></ul>
<b>Internal I/O</b>	<ul style="list-style-type: none"><li>3 * USB Headers for 6 * USB 2.0 ports</li><li>24bit Dual Channel LVDS header &amp; Inverter</li><li>2 * Serial port headers (1 * RS232, 1 * RS232/422/485)</li><li>AT/ATX power switch mode jumper</li></ul>
<b>BIOS</b>	<ul style="list-style-type: none"><li>AMI SMT Flash ROM</li></ul>
<b>Box Contents</b>	<ul style="list-style-type: none"><li>NP93 Motherboard with passive heatsink, RS232 cable, SATA cable, Internal power cable, Manual, DVD Driver Disk</li></ul>
<b>Certification</b>	<ul style="list-style-type: none"><li>CE, FCC, RoHS, ErP</li></ul>
<b>Temperature</b>	<ul style="list-style-type: none"><li>Operating Temperature 0~40 ° C, Storage Temperature -20-85 ° C</li></ul>
<b>Form Factor</b>	<ul style="list-style-type: none"><li>Pico ITX Form Factor (100mm x 72mm)</li></ul>
<b>Warranty</b>	<ul style="list-style-type: none"><li>2 Years Limited Warranty</li></ul>

\*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