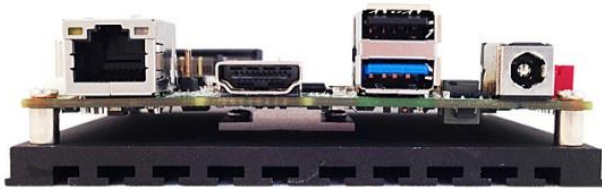
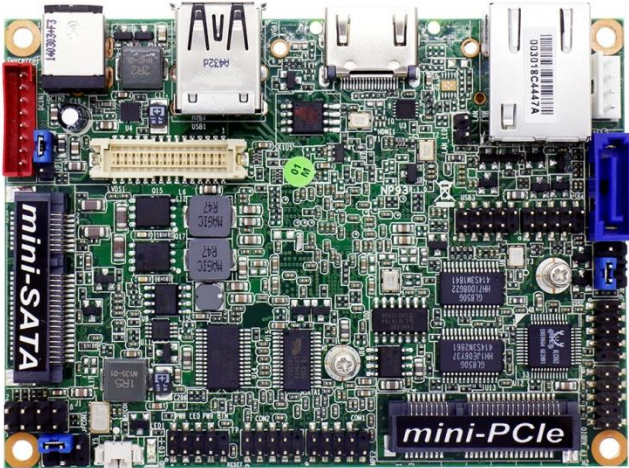


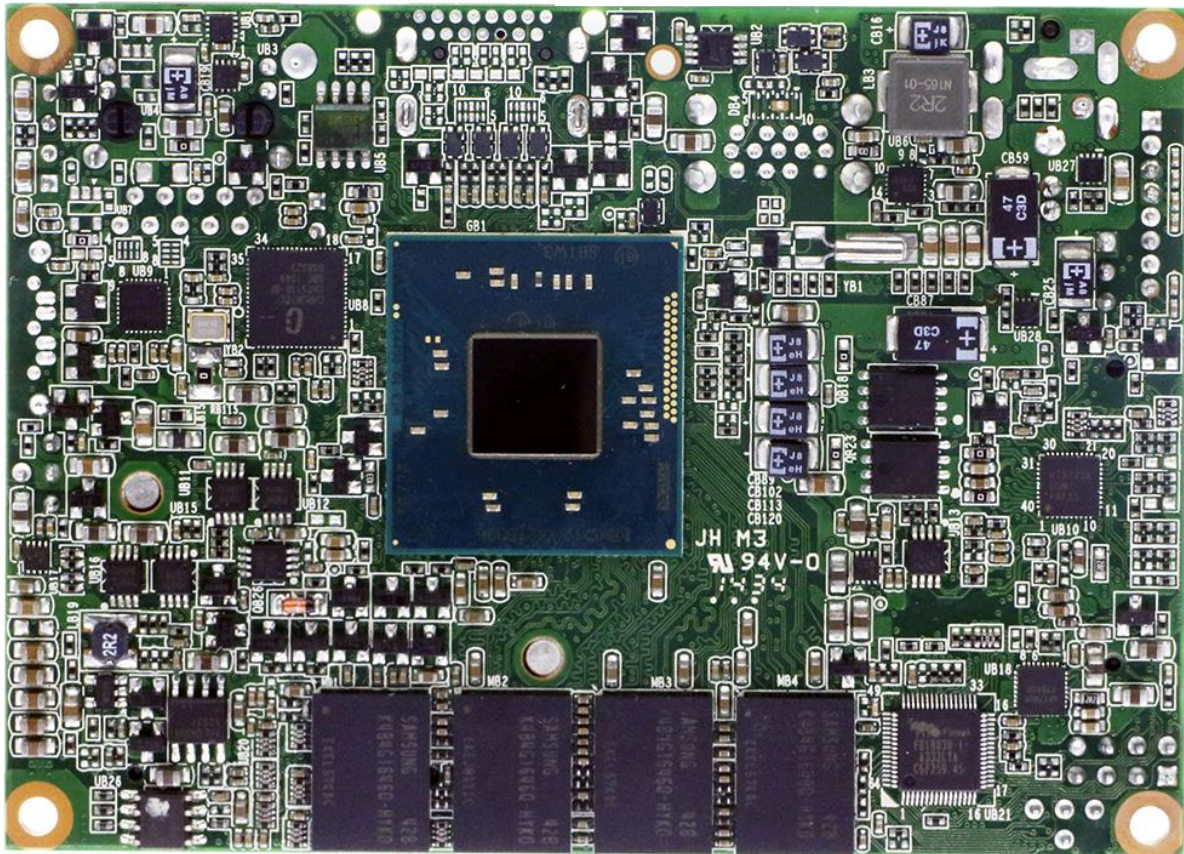
NP93 Series

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 Q1'2029
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)



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

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



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