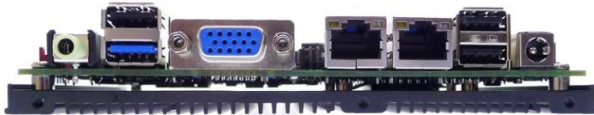
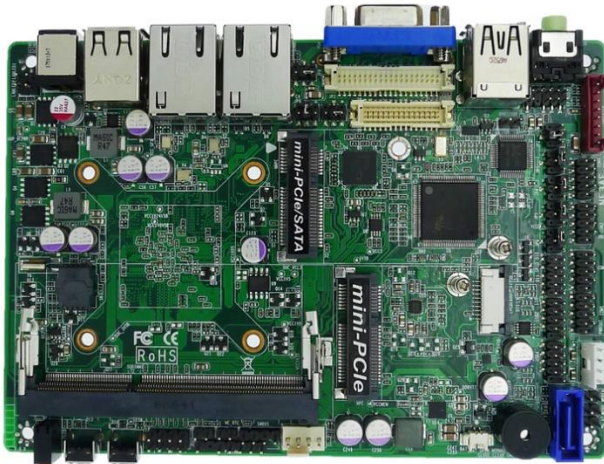


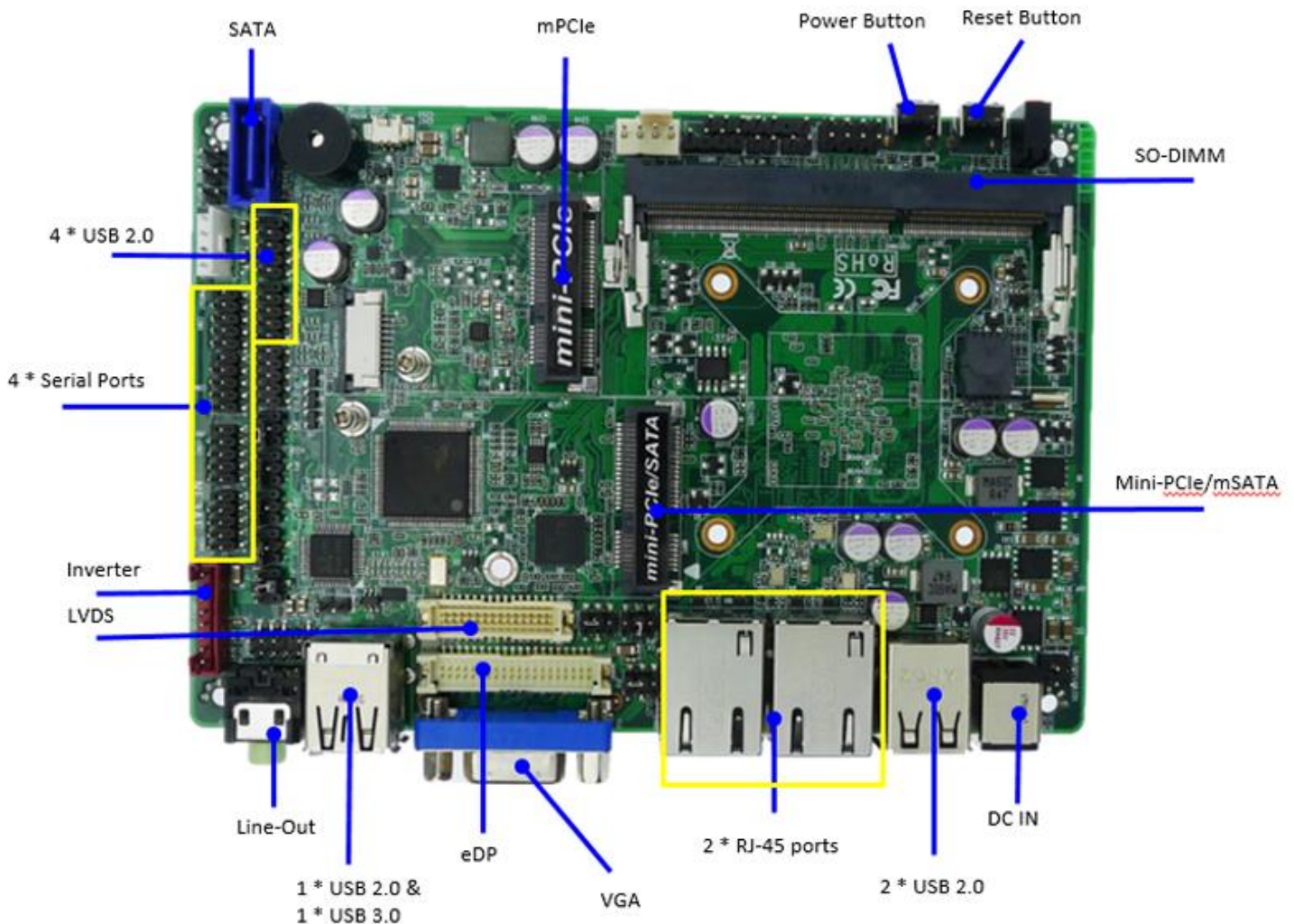
# NF3AE-2930

3.5" SBC Industrial MB for Fanless Systems  
N2930 / 2 GbE / VGA / LVDS / eDP / 12V



## Features

1. CPU Mounted on Bottom of Motherboard for Easy Integration into Fanless Systems
2. Intel Celeron N2930 SoC, 1.83GHz, Quad-Core, 7.5W
3. Supports DDR3L-1333 SODIMM up to 8GB Total
4. Supports up to 2 Display, VGA, 24bit LVDS, eDP
5. 1 \* SATA2 3Gb/s Port
6. 1 \* mSATA/Mini-PCIE Shared Slot
7. 1 \* Half-size Mini-PCIE Slot
8. 2 \* Realtek Gigabit LAN, HD Audio
9. 4 \* Serial Port Headers, 8-bit GPIO, Watchdog Timer
10. 9V - 24V DC-In Jack
11. 3.5" SBC Form Factor (148mm x 102mm)



<b>Model / Series</b>	■ NF3AE
<b>Part No</b>	■ JNF3AE-2930
<b>Processor</b>	■ Intel Celeron N2930 SoC, 1.83GHz - 2.16GHz burst, Quad-Core, 7.5W TDP, Bay Trail ■ *Includes passive heatsink for bench testing
<b>Chipset</b>	■ SoC
<b>Video</b>	■ Intel HD Graphics, 313-854MHz
<b>Memory</b>	■ 1 * 204-pin SO-DIMM slots supporting DDR3L-1333 up to 8GB total, 1.35V required
<b>Expansion Slots</b>	■ 1 * mini-PCI Express slot (Half-size)
<b>Storage</b>	■ 1 * SATA2 3Gb/s port ■ 1 * Shared mSATA/mini-PCI Express slot (Full-size)
<b>Audio</b>	■ Realtek ALC662 HD Audio
<b>Network</b>	■ 2 * Realtek RTL8111G Gigabit LAN
<b>Other Features</b>	■ Support ACPI S3, AHCI, 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 ports ■ 1 * VGA port ■ Line Out ■ 9V – 24V DC-in jack
<b>Front Panel I/O</b>	■ Power Button, Reset Button, Power LED, HDD LED
<b>Internal I/O</b>	■ 2 * USB Headers for 4 * USB 2.0 ports ■ 24bit Dual Channel LVDS header & Inverter, eDP 1.3 ■ 4 * Serial port headers (3 * RS232, 1 * RS232/422/485), 1 * PS2 KB/MS combo header ■ 8-bit GPIO header, Chassis Intrusion Header, AT/ATX power switch mode jumper
<b>BIOS</b>	■ AMI 64MB SMT Flash ROM
<b>Box Contents</b>	■ NF3AE Motherboard, SATA Cable, Internal Power Cable, Manual, DVD Driver Disk
<b>Certification</b>	■ CE, FCC, RoHS, ErP
<b>Temperature</b>	■ Operating Temperature 0~60 ° C, Storage Temperature -20-85 ° C
<b>Form Factor</b>	■ 3.5" SBC Form Factor (148mm x 102mm)
<b>Warranty</b>	■ 2 Years Limited Warranty

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



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