NF792

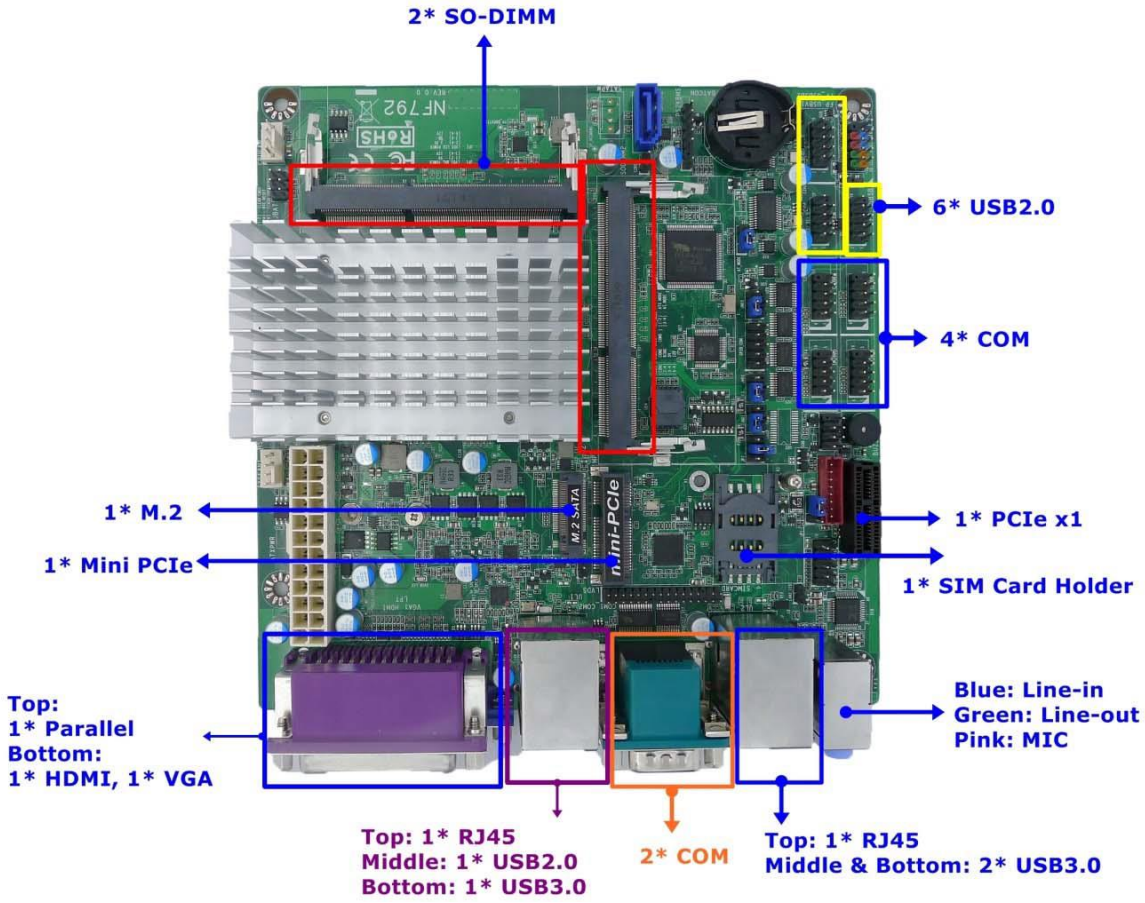
Mini-ITX Industrial Motherboard / Braswell
2 GbE LAN / PCIE x1 Slot / 6 COM / ATX Power





Features

1. Industrial Embedded Motherboard with Planned Lifecycle Through Q1'2031
2. Fanless Intel Celeron N3160 SoC Processor, Quad-Core, Braswell, 6W TDP
3. Supports 1.35V DDR3L-1600 SODIMM up to 8GB Total
4. Up to 3 Displays, HDMI, VGA, 24-bit LVDS
5. 2 * Realtek LAN, HD Audio
6. 1 * SATA3 6Gb/s Port, 1 * M.2 SATA 2242/2260 Slot
7. 1 * PCI Express x1 Slot, 1 * Full-size mini-PCIE Slot
8. 3 * USB 3.0 Ports, 7 * USB 2.0 Ports, SIM Card Socket
9. 6*Serial Ports (1*RS232/422/485, 5*RS232)
10. GPIO, Watchdog Timer, AT/ATX Power Switch Mode
11. Parallel Port, ATX Power Connector
12. Optional: Onboard TPM 2.0 or TPM 1.2
13. Compatible with Windows 7, 8.1, 10, Linux
14. Mini-ITX Form Factor (170mm x 170mm)



Model / Series	■ NF792
Part No	■ JNF792-3160
Processor	■ Fanless Intel Celeron N3160 SoC Processor, Quad-Core, 1.6GHz, 2.24GHz Burst
Chipset	■ None
Video	■ Intel HD Graphics 400, 320 – 640MHz
Memory	■ 2 * 204-pin SO-DIMM slot supporting DDR3L-1600* up to 8GB total, 1.35V required ■ *1600MHz memory runs at 1600MHz, 1333MHz memory runs at 1066MHz ■ *1066MHz memory not supported
Expansion Slots	■ 1 * PCI Express x1 slot ■ 1 * Full-size Mini-PCI Express slot, SIM Card socket
Storage	■ 1 * SATA3 6Gb/s port, 1 * M.2 SATA M-key 2242/2260 slot
Audio	■ Realtek HD Audio
Network	■ 2 * Realtek RTL8111H Gigabit LAN
Other Features	■ Support AHCI, ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec
Rear Panel I/O	■ 3 * USB 3.0 ports, 1 * USB 2.0 port, HDMI, VGA, 2 * RJ-45 LAN ports ■ 2 * Serial ports (1 * RS232, 1 * RS232/422/485), Parallel port, Line-out, Line-in, Mic ■ 24-pin ATX power connector
Internal I/O	■ 3 * USB headers for 6 * USB 2.0 ports ■ 24bit LVDS & Inverter, AT/ATX power switch mode, SIM card socket ■ 4 * Serial headers (4 * RS232), SMBUS (I2C) header ■ 8-bit GPIO header, Chassis Intrusion header, PS/2 KB/MS header ■ Option: Onboard TPM 2.0 or TPM 1.2
BIOS	■ AMI Flash ROM
Box Contents	■ NF792 Motherboard, SATA Cable, I/O Shield
Certification	■ CE, FCC, RoHS, ErP/EuP, REACH
Temperature	■ Operating Temperature 0~60 ° C, Storage Temperature -20-85 ° C
Form Factor	■ Mini-ITX Form Factor (170mm x 170mm)
Warranty	■ 2 Years Limited Warranty

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

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