

# NF7921

## Mini-ITX Industrial Motherboard / Braswell 2 Intel LAN / PCI Slot / 4 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 \* Intel Gigabit LAN, HD Audio
6. 1 \* SATA3 6Gb/s Port, 1 \* M.2 SATA 2242/2260 Slot
7. 1 \* 32bit PCI Slot, 1 \* Full-size mini-PCIE Slot
8. 3 \* USB 3.0 Ports, 5 \* USB 2.0 Ports, SIM Card Socket
9. 4\*Serial Ports (1\*RS232/422/485, 3\*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)

<b>Model / Series</b>	■ NF792I
<b>Part No</b>	■ JNF792I-3160
<b>Processor</b>	■ Fanless Intel Celeron N3160 SoC Processor, Quad-Core
<b>Chipset</b>	■ None
<b>Video</b>	■ Intel HD Graphics
<b>Memory</b>	<ul style="list-style-type: none"> <li>■ 2 * 204-pin SO-DIMM slot supporting DDR3L-1600* up to 8GB total, 1.35V required</li> <li>■ *1600MHz memory runs at 1600MHz, 1333MHz memory runs at 1066MHz</li> <li>■ *1066MHz memory not supported</li> </ul>
<b>Expansion Slots</b>	<ul style="list-style-type: none"> <li>■ 1 * 32bit PCI slot</li> <li>■ 1 * Full-size Mini-PCI Express slot, SIM Card socket</li> </ul>
<b>Storage</b>	■ 1 * SATA3 6Gb/s port, 1 * M.2 SATA M-key 2242/2260 slot
<b>Audio</b>	■ Realtek HD Audio
<b>Network</b>	■ 2 * Intel i211-AT 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>	<ul style="list-style-type: none"> <li>■ 3 * USB 3.0 ports, 1 * USB 2.0 port, HDMI, VGA, 2 * RJ-45 LAN ports</li> <li>■ 2 * Serial ports (1 * RS232, 1 * RS232/422/485), Parallel port, Line-out, Line-in, Mic</li> <li>■ 24-pin ATX power connector</li> </ul>
<b>Internal I/O</b>	<ul style="list-style-type: none"> <li>■ 2 * USB headers for 4 * USB 2.0 ports</li> <li>■ 24bit LVDS &amp; Inverter, AT/ATX power switch mode, SIM card socket</li> <li>■ 2 * Serial headers (2 * RS232), SMBUS (I2C) header</li> <li>■ 8-bit GPIO header, Chassis Intrusion header, PS/2 KB/MS header</li> <li>■ Option: Onboard TPM 2.0 or TPM 1.2</li> </ul>
<b>BIOS</b>	■ AMI Flash ROM
<b>Box Contents</b>	■ NF792I Motherboard, SATA Cable, 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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