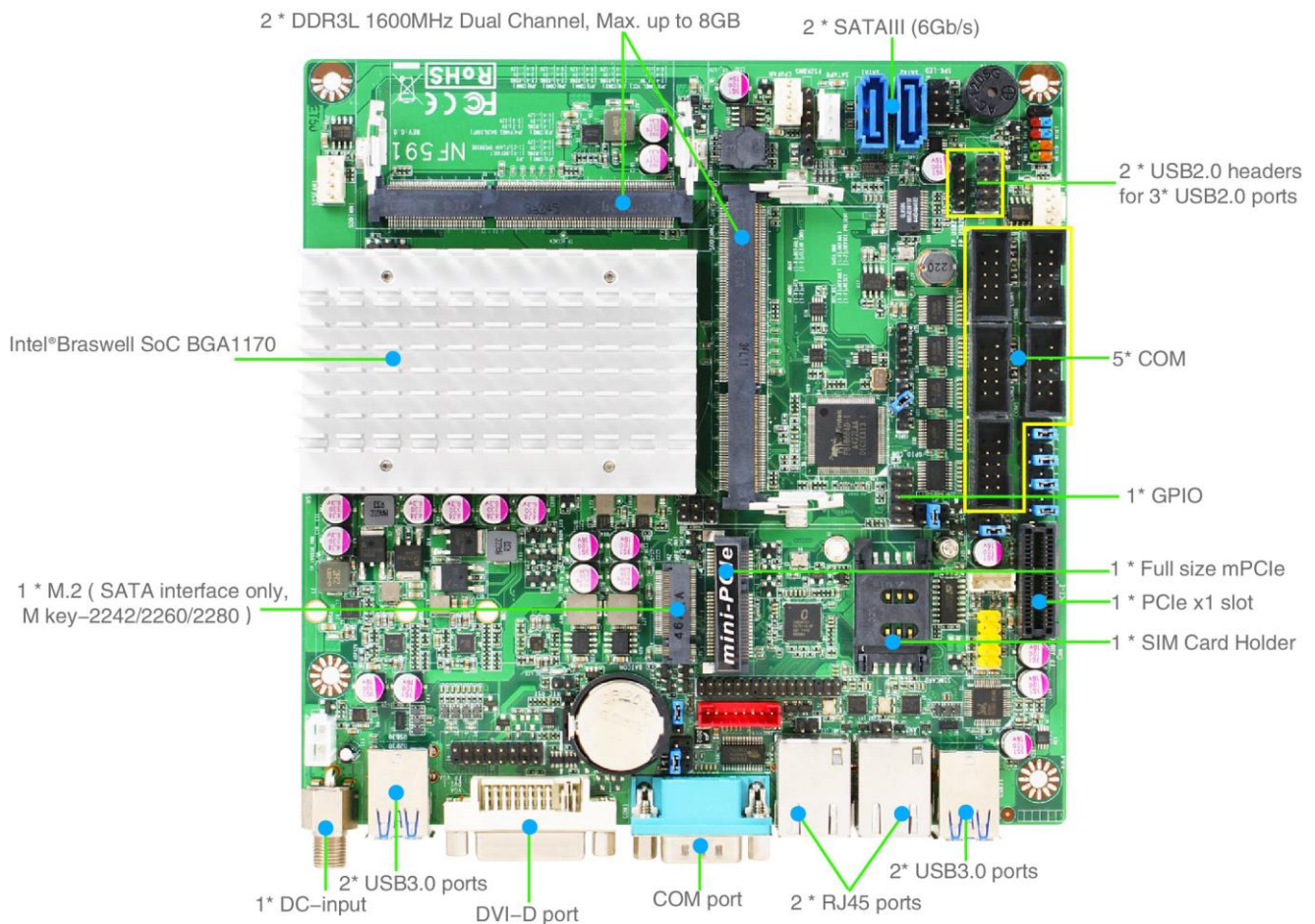


NF591

Thin Mini-ITX Industrial Motherboard Braswell / 2 LAN / M.2 SATA / 12V

Features

1. Fanless Intel Celeron N3150/N3160 SoC Processor, Quad-Core, Braswell-M, 6W TDP
2. Supports 1.35V DDR3L-1600 SODIMM up to 8GB Total
3. DVI-D, 24-bit LVDS, VGA Header, SIM Socket
4. 2 * Gigabit LAN Ports, HD Audio
5. 2 * SATA3 6Gb/s Ports, 1 * M.2 SATA M-key Slot
6. 1 * PCI Express 2.0 x1 Slot, 1 * Full-size mini-PCIE Slot
7. 4 * USB 3.0 Ports, 3 * USB 2.0 Ports
8. 6*Serial Ports (1*RS232/422/485, 5*RS232)
9. GPIO, Watchdog Timer, AT/ATX Power Switch Mode
10. 12V DC-in or Alternate 2-pin Internal Power Connector
11. Compatible with Windows 7, 8.1, 10, Linux
12. Thin Mini-ITX Form Factor (170mm x 170mm)



Model / Series	<ul style="list-style-type: none"> NF591
Part No	<ul style="list-style-type: none"> JNF591-3150 JNF591-3160
Processor	<ul style="list-style-type: none"> Fanless Intel Celeron N3150 SoC Processor, Quad-Core, 1.6GHz, 2.08GHz Burst Fanless Intel Celeron N3160 SoC Processor, Quad-Core, 1.6GHz, 2.24GHz Burst
Chipset	<ul style="list-style-type: none"> None
Video	<ul style="list-style-type: none"> Intel HD Graphics in processor, 320 – 640MHz
Memory	<ul style="list-style-type: none"> 2 * 204-pin SO-DIMM slot supporting DDR3L-1600* up to 8GB total, 1.35V required *1600MHz memory will run at 1600MHz, 1333MHz memory will run at 1066MHz *1066MHz memory not supported
Expansion Slots	<ul style="list-style-type: none"> 1 * PCI Express 2.0 x1 slot, 1 * Full-size Mini-PCI Express slot, SIM Card Socket
Storage	<ul style="list-style-type: none"> 2 * SATA3 6Gb/s ports 1 * M.2 slot (M-key, SATA interface, 2242, 2260, 2280, shared with SATA2 port)
Audio	<ul style="list-style-type: none"> Realtek ALC662 HD Audio, 3W Amplifier
Network	<ul style="list-style-type: none"> 2 * Realtek RTL8111G Gigabit LAN
Other Features	<ul style="list-style-type: none"> Support AHCI, ACPI S3, CPU Smart FAN, Watchdog Timer 10-255 min/sec
Rear Panel I/O	<ul style="list-style-type: none"> 4 * USB 3.0 ports, DVI-D port, 2 * RJ-45 LAN port 1 * Serial port (RS232/422/485) +12V DC-in locking jack (1-pin 2.5mm ID/5.5mm OD, locking)
Internal I/O	<ul style="list-style-type: none"> 2 * USB headers for 3 * USB 2.0 ports, VGA header 24bit LVDS & Inverter, AT/ATX power switch mode, SIM card socket 5 * Serial port headers (RS232), SMBUS header 8-bit GPIO header, Chassis Intrusion header, PS/2 KB/MS header Alternate 2-pin internal power connector
BIOS	<ul style="list-style-type: none"> AMI 64MB Flash ROM
Box Contents	<ul style="list-style-type: none"> NF591 Motherboard, SATA Cable, Power Cable, 5*COM cable, VGA Cable, Manual, DVD Driver Disk, Thin & Standard I/O Shields
Certification	<ul style="list-style-type: none"> CE, FCC, RoHS, ErP/EuP, REACH
Temperature	<ul style="list-style-type: none"> Operating Temperature 0~60 ° C, Storage Temperature -20-85 ° C
Form Factor	<ul style="list-style-type: none"> Thin Mini-ITX Form Factor (170mm x 170mm)
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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