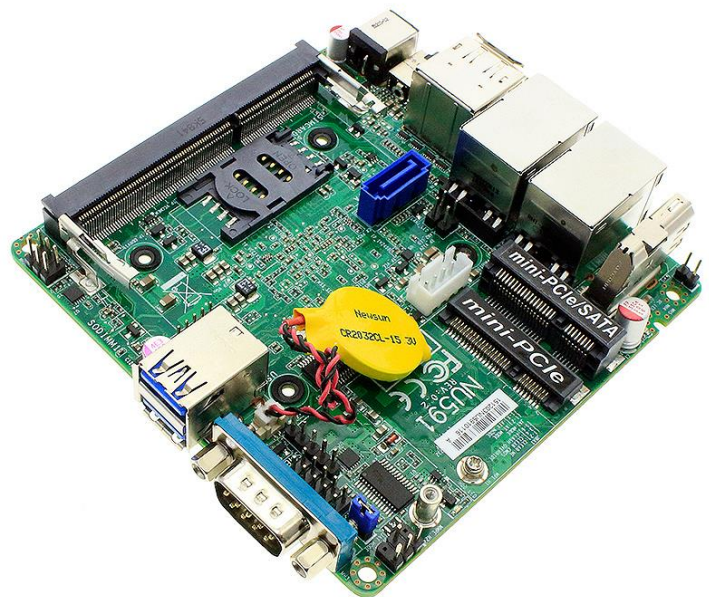
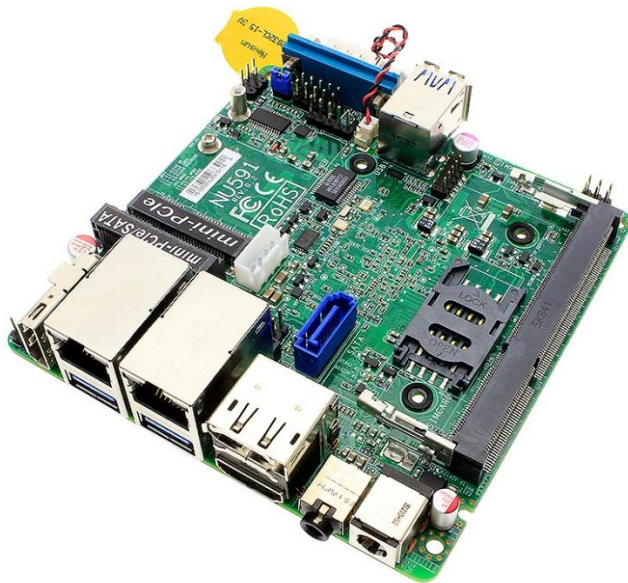
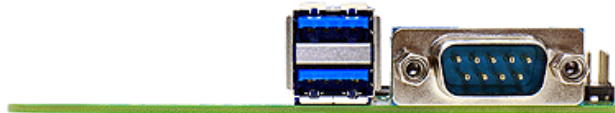
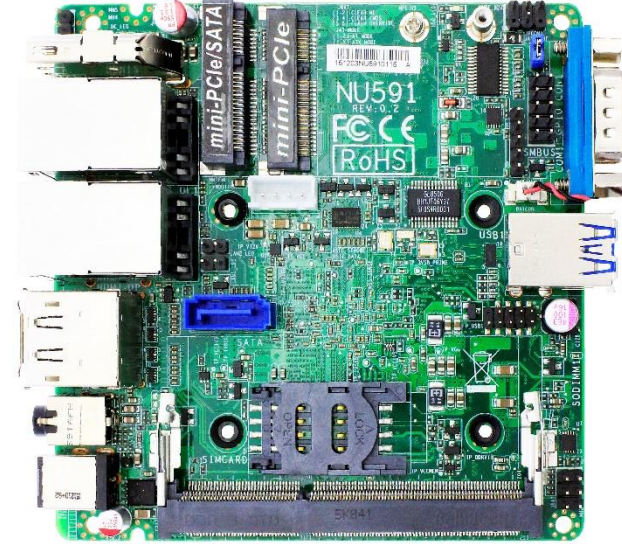


NU591

NUC Industrial Motherboard for Fanless Systems Intel Braswell / 2 HDMI / 1 DP / 2 LAN / 1 COM



Features

1. Long-Life Embedded Class Industrial Motherboard with Planned Lifecycle Through Q1'2031
2. CPU Mounted on Bottom of Motherboard for Easy Integration into Fanless Systems
3. Intel Celeron N3150/N3160 SoC, 1.6GHz, Quad-Core
4. Up to 8GB DDR3L-1600 SODIMM Memory Total
5. Supports up to 3 Displays, 2 * HDMI, 1 * DP 4K @30Hz
6. 1 * SATA3 6Gb/s Port
7. 1 * Full-size mSATA/mini-PCIE shared Slot
8. 1 * Half-size Mini-PCIE Slot
9. 2 * Intel Gigabit LAN, HD Audio with S/PDIF
10. 1 * External RS232/422/485 Serial Port
11. Watchdog Timer
12. 12V DC-In Jack
13. NUC Form Factor (101mm x 101mm)

Model / Series	<ul style="list-style-type: none"> ■ NU591
Part No	<ul style="list-style-type: none"> ■ JNU591S-3150 ■ JNU591S-3160
Processor	<ul style="list-style-type: none"> ■ Intel Celeron N3150 SoC, 1.6GHz - 2.08GHz burst, Quad-Core, 6W TDP ■ Intel Celeron N3160 SoC, 1.6GHz - 2.24GHz burst, Quad-Core, 6W TDP ■ No CPU heatsink included, Customer must install thermal solution before using
Chipset	<ul style="list-style-type: none"> ■ SoC
Video	<ul style="list-style-type: none"> ■ Intel HD Graphics, 310-640MHz
Memory	<ul style="list-style-type: none"> ■ 1 * DDR3L-1600 SODIMM slot, up to 8GB total
Expansion Slots	<ul style="list-style-type: none"> ■ 1 * Half-size mini-PCI Express slot
Storage	<ul style="list-style-type: none"> ■ 1 * SATA3 6Gb/s port ■ 1 * Full-size mSATA/mini-PCIE shared slot
Audio	<ul style="list-style-type: none"> ■ Realtek ALC662 HD Audio
Network	<ul style="list-style-type: none"> ■ 2 * Intel i211-AY 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"> ■ 2 * USB 3.0 ports ■ 2 * RJ-45 ports ■ 2 * HDMI ports (1920x1080 @ 60Hz) ■ 1 * DisplayPort (3840x2160 @ 30Hz, 2560x1600 @ 60Hz) ■ Line-out/Mic combo jack ■ 12V DC-in jack (1-pin 2.5mm ID / 5.5mm OD)
Front Panel I/O	<ul style="list-style-type: none"> ■ 1 * RS232/422/485 Serial port ■ 2 * USB 3.0 ports
Internal I/O	<ul style="list-style-type: none"> ■ 1 * USB header for 2 * USB 2.0 ports, 3G SIM card holder ■ AT/ATX Power switch mode, SMBUS header, 8bit GPIO, Chassis intrusion header
BIOS	<ul style="list-style-type: none"> ■ AMI 64MB SMT Flash ROM
Box Contents	<ul style="list-style-type: none"> ■ NU591 Motherboard, Manual, DVD Driver Disk
Certifications	<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"> ■ NUC Form Factor (101mm x 101mm)
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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