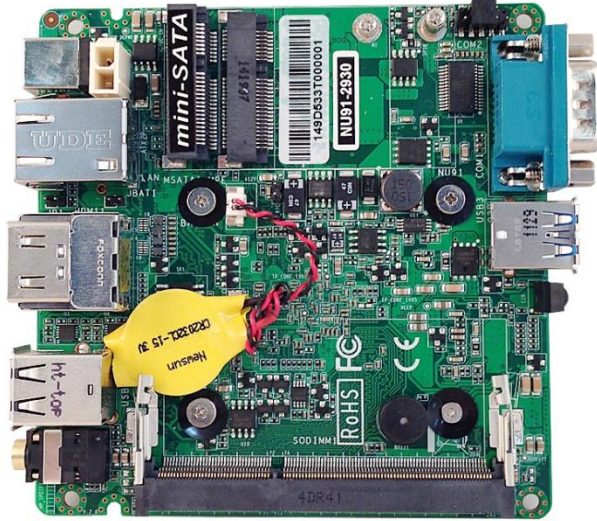


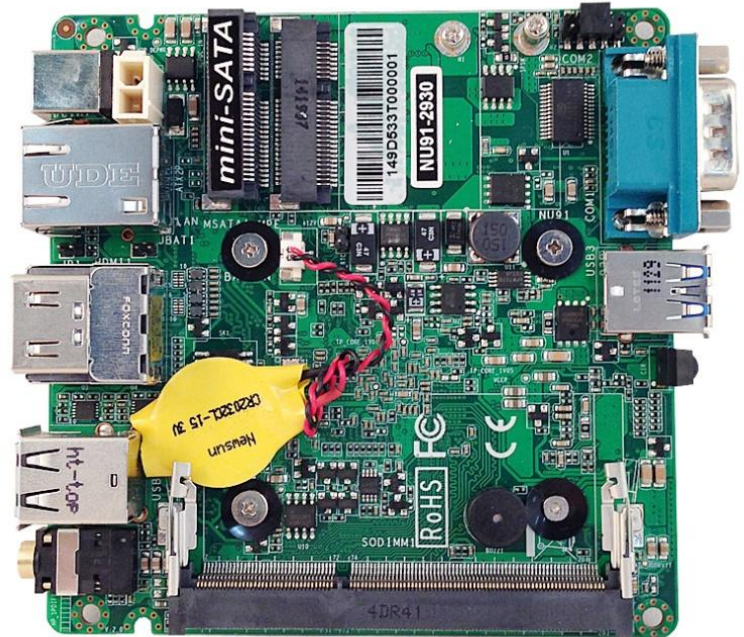
# NU91 Series

NUC Industrial Motherboard for Fanless Systems  
Intel Bay Trail / 2 HDMI / 1 LAN / 1 COM / 9V-24V



## Features

1. Long-Life Embedded Class Industrial Motherboard with Planned Lifecycle Through Q1'2019
2. CPU Mounted on Bottom of Motherboard for Easy Integration into Fanless Systems
3. Intel Celeron N2930 SoC, 1.83GHz, Quad-Core, 7.5W
4. Up to 8GB DDR3L-1333 SODIMM Memory Total
5. Supports up to 2 Displays, 2 \* HDMI Ports
6. 1 \* Full-size mSATA Slot
7. 1 \* Half-size Mini-PCIE Slot
8. 1 \* Intel Gigabit LAN, HD Audio with S/PDIF
9. 1 \* External RS232 Serial Port, 1 \* Internal RS232 Header
10. Watchdog Timer
11. 9V-24V DC-In Jack or Alternate 2-pin Internal Connector
12. NUC Form Factor (101mm x 101mm)



[www.ibtpanelpc.com](http://www.ibtpanelpc.com)



eMail: [info@ibtpanelpc.com](mailto:info@ibtpanelpc.com)

Toll Free: 1(866) 590-4288

**iBT Technologies inc.**

Tel. (514) 832-0808 Fax. (514) 832-0128

# NU91 Series

<b>Model / Series</b>	■ NU91
<b>Part No</b>	■ JNU91-2930
<b>Processor</b>	■ Intel Celeron N2930 SoC, 1.83GHz - 2.16GHz burst, Quad-Core, 7.5W TDP / 4.5W SDP ■ Low-profile heatsink & fan installed for bench testing
<b>Chipset</b>	■ SoC
<b>Video</b>	■ Intel HD Graphics, 313-854MHz
<b>Memory</b>	■ 1 * DDR3L-1333 SODIMM slot, up to 8GB total
<b>Expansion Slots</b>	■ 1 * Half-size mini-PCI Express slot
<b>Storage</b>	■ 1 * Full-size mSATA slot (3Gb/s)
<b>Audio</b>	■ Realtek ALC887 HD Audio, Optical S/PDIF out
<b>Network</b>	■ 1 * Intel 82574L 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>	■ 2 * USB 2.0 ports ■ 1 * RJ-45 port ■ 2 * HDMI port ■ Line-out (with S/PDIF) ■ 9V - 24V DC-in jack (1-pin 2.5mm ID / 5.5mm OD)
<b>Front Panel I/O</b>	■ 1 * RS232 Serial port ■ 1 * USB 3.0 port ■ IR Sensor
<b>Internal I/O</b>	■ 1 * RS232 serial header
<b>BIOS</b>	■ AMI SMT Flash ROM
<b>Box Contents</b>	■ NU91 Motherboard with active heatsink, Manual, DVD Driver Disk
<b>Certification</b>	■ CE, FCC, RoHS, ErP
<b>Temperature</b>	■ Operating Temperature 0~40 ° C, Storage Temperature -20-85 ° C
<b>Form Factor</b>	■ NUC Form Factor (101mm x 101mm)
<b>Warranty</b>	■ 2 Years Limited Warranty

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



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eMail: [info@ibtpanelpc.com](mailto:info@ibtpanelpc.com) **iBT Technologies inc.**  
Toll Free: 1(866) 590-4288 Tel. (514) 832-0808 Fax. (514) 832-0128