JW-NU792C

NUC-UTX Fanless Embedded Motherboard
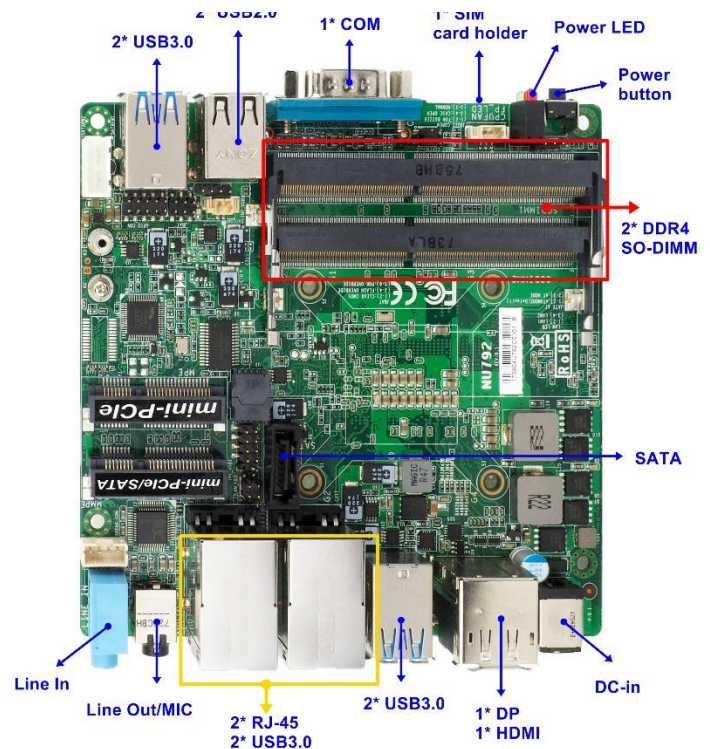## 2 Intel LAN / 1 COM / HDMI + DP (4K) / 12V

Features

1. Long-Life Embedded Class Industrial Motherboard with Planned Lifecycle Through Q3'2030
2. CPU Mounted on Bottom of Motherboard for Easy Integration into Fanless Systems
3. Intel Kaby Lake-U Intel Core i3-7100U SoC Processor, 15W
4. Supports DDR4-2133 SODIMM up to 32GB Total
5. 2 * Intel Gigabit LAN
6. 1 * SATA3 6Gb/s, 1 * Full-size mSATA/mini-PCIE Shared Slot
7. 1 * Half-size Mini-PCIE, SIM Card Slot
8. Mic/Line-out Combo, Line-in Jack, 3W Amp
9. 6 * USB 3.0 Ports, 5 * USB 2.0 Ports. 12V DC-in
10. 1 * Serial (RS232/422/485), 8-bit GPIO,
11. AT/ATX Power Mode, Chassis Intrusion, Watchdog Timer
12. UTX Form Factor (117mm x 112mm)

FRONT

REAR

2* USB2.0
2* USB3.0
1* COM
1* SIM card holder
Power LED
Power button
2* DDR4 SO-DIMM
SATA
Line In
Line Out/MIC
2* RJ-45 2* USB3.0
2* USB3.0
1* DP 1* HDMI
DC-in

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Model / Series	■ NU792C
Part No	■ JNU792CS-7100U (No TPM), JNU792C2S-7100U (TPM 2.0) ■ CALL FOR OEM CPU OPTIONS (the 6100U/7100U is MAX CPU)
Processor	■ Intel Core i3-7100U Dual-ciore SoC Processor, 2C/4T, 15W TDP ■ *No CPU heatsink included, requires a heatsink/thermal solution for bench testing
Chipset	■ SoC
Video	■ Intel HD Graphics 620, 300-1000MHz
Memory	■ 2 * 260-pin SO-DIMM slot supporting DDR4-2133 up to 32GB total
Expansion Slots	■ 1 * Full-size mSATA/Mini-PCIE shared slot, 1 * Half-size Mini-PCIE slot , SIM Slot (front)
Storage	■ 1 * SATA3 6Gb/s port ■ 1 * Full-size mSATA/Mini-PCIE shared slot
Audio	■ Realtek ALC662 with 3W Amplifier L+R
Network	■ 2 * Intel Gigabit LAN (1 * i211-AT, 1 * i219-LM)
Other Features	■ Support ACPI S3, AHCI, CPU Smart FAN, Watchdog Timer 10-255 min/sec
Rear Panel I/O	■ 4 * USB 3.0 ports ■ HDMI 4K @24Hz, DisplayPort 4K @60Hz ■ Line-out/Mic combo jack, Line-in jack, 2 * RJ-45 ports ■ +12V DC-in jack (2.5mm ID/5.5mm OD)
Front Panel I/O	■ 2 * USB 3.0 ports, 2 * USB 2.0 ports, Power button, PWR/HDD LEDs, SIM card slot, Serial port (RS232/422/485)
Internal I/O	■ 2 * USB Headers for up to 3 * USB 2.0 ports ■ 8-bit GPIO header, AT/ATX power switch mode jumper, Chassis intrusion header ■ OEM OPTION: Onboard TPM 2.0
BIOS	■ AMI 128Mb Flash ROM
Box Contents	■ NU792C Motherboard (No heatsink), Manual, DVD Driver Disk
Certification	■ CE, FCC, RoHS, ErP
Temperature	■ Operating Temperature 0~60 º C, Storage Temperature -20-85 º C
Form Factor	UTX Form Factor (117mm x 112mm)
Warranty	■ 2 Years Limited Warranty

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