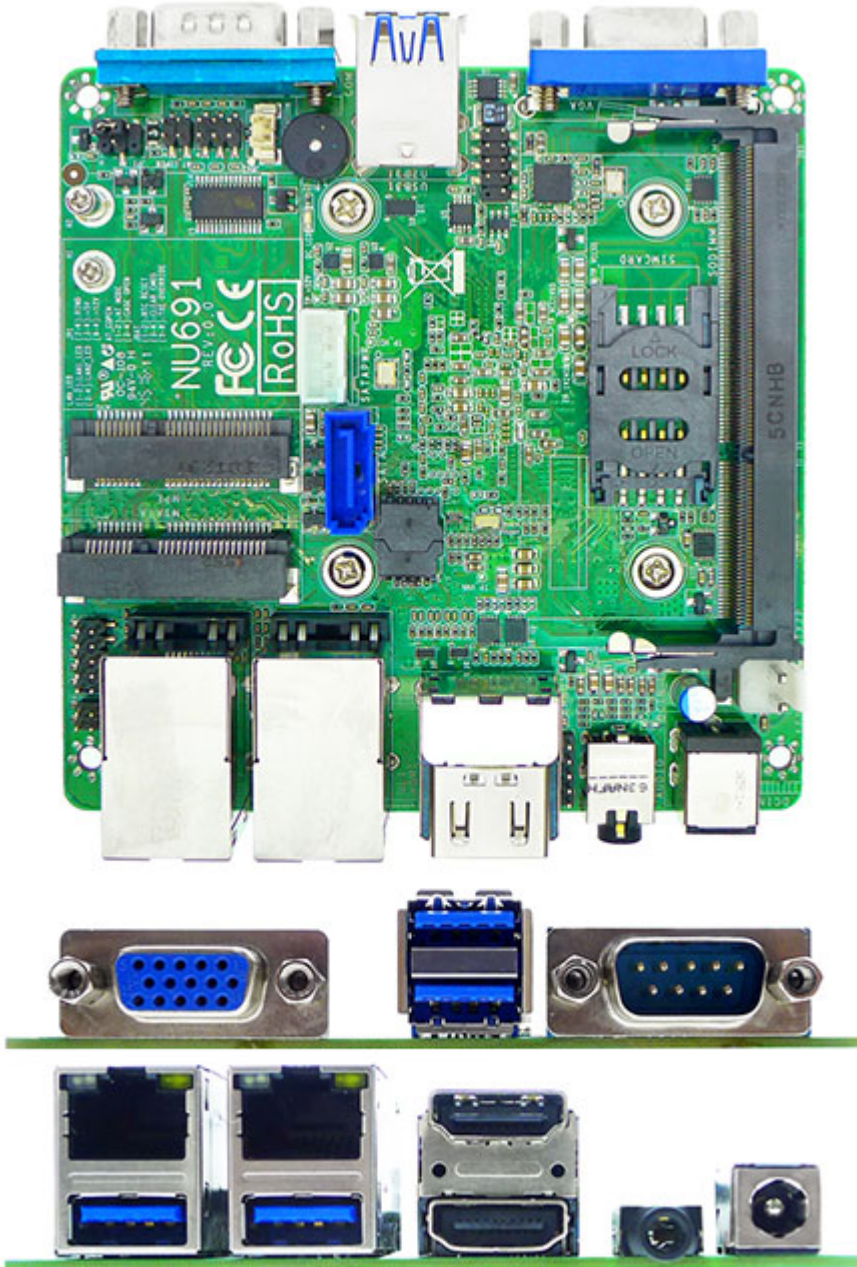


259.00 EUR
incl. 19% VAT, plus [shipping](#)



The JETWAY JNU691 Series adopts the Intel® Apollo Lake SoC processor. The board has one 204-pin DDR3L 1866MHz SODIMM up to 8GB memory. JNU691 Series equipped with 2 * HDMI and 1 * VGA for IoT applications. Intel® Apollo Lake SoC processor support AES NI which is a new hardware encryption instructions to improves on the AES algorithm and accelerates the encryption of data. JNU691 also support TPM feature to secure customers' data.

In addition, it offers 6 * USB3.0/2.0 ports which can connect different peripherals, e.g. camera and sensor. It is flexible expansion via Mini PCIe slot, SIM card holder, and one RS232 port. An internal Mini-SATA slot and SATA III connector provide storage selection. In addition, JNU691 board size is 101*101mm and is a SubCompact, powerful and energy efficient NUC form factor board with reliable performance.

- Intel® Apollo Lake SoC Processor
- 1 * 204-pin DDR3L 1866MHz SODIMM Up to 8 GB
- 2 * 10/100/1000 Base-TX Ethernet Ports
- Support Intel AES NI and TPM2.0 to secure customers data
- 4 * Ext USB3.0, 1 * Line-Out/MIC, 2 * HDMI, 1 * VGA
- 1* full size mSATA, 1* half size Mini PCIe Slot, 1 * SIM card holder

- 12V DC-in power

| Model | JNU691-3350 | JNU691-4200 |
|-------------------------|--------------------------------------|----------------------------------|
| Form Factor | | |
| Dimensions | – NUC (101 * 101mm) | |
| Processor System | | |
| CPU | – Intel® Celeron N3350 Processor | – Intel® Pentium N4200 Processor |
| Core Number | – Dual Core | – Quad Core |
| Max Speed | – 2.4GHz | – 2.5GHz |
| Smart Cache | – 2MB | – 2MB |
| Chipset | – SoC | |
| BIOS | – AMI Flash ROM | |
| Expansion Slot | | |
| Mini-PCIe | – 1 (half size) | |
| mSATA | – 1 (full size) | |
| PCIe | – 0 | |
| M.2 | – 0 | |
| SIM Card Holder | – 1 | |
| Memory | | |
| Technology | – DDR3L 1866MHz SDRAM | |
| Max. | – 8GB | |
| Socket | – 1 * SO-DIMM | |
| Graphics | | |
| Controller | – Intel® HD Graphics | |
| VRAM | – Shared Memory | |
| VGA | – 1 (max. 1920x1200@60Hz resolution) | |
| LVDS | – 0 | |
| eDP 1.3 | – 0 | |
| HDMI 1.4 | – 2 (max. 3840x2160@30Hz resolution) | |
| DisplayPort | – 0 | |
| MultiDisplay | – Triple Displays | |
| Ethernet | | |
| Ethernet | – 10/100/1000 Mbps | |
| Controller | – 2 * Realtek RTL8111H GbE | |
| Connector | – 2 * RJ 45 | |
| Audio | | |
| CODEC | – HD Audio : Realtek ALC662VD | |
| Channel | – 2 Channels | |
| SATA | | |
| Max Data Transfer Rate | – 1 * SATAIII (6.0Gb/s) & 1 * mSATA | |
| External I/O | | |
| VGA | – 1 (front) | |
| HDMI | – 2 (rear) | |
| DisplayPort | – 0 | |
| Ethernet | – 2 (rear) | |
| USB | – 4 * USB 3.0 (2 * front & 2 * rear) | |

| | |
|---------------------------|--|
| Audio | - 1 (Line-Out/MIC Combo) |
| Serial | - 1 * RS232/422/485 (front) |
| DC-input | - 1 (rear) |
| Internal Connector | |
| USB | - 2 * USB 2.0 |
| HDMI | - 0 |
| LVDS / inverter | - 0 |
| eDP | - 0 |
| VGA | - 0 |
| Serial | - 0 |
| SATA | - 1 * SATAIII (6.0Gb/s) |
| mPCIe | - 1 (half size) |
| mSATA | - 1 (full size) |
| M.2 | - 0 |
| GPIO | - 1 (8 bit) |
| Chassis intrusion | - 1 |
| Audio Header | - 0 |
| SMBUS/ I2C | - 0 |
| AT mode | - 1 |
| TPM | - 1 (TPM2.0 on board) |
| Others | - 0 |
| Watchdog Timer | |
| Output | - From Super I/O to drag RESETCON# |
| Interval | - 256 segments (10sec ~ 255min) |
| Power Requirements | |
| Input PWR | - 12V DC IN |
| Power On | AT/ATX Supported - AT : Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready |
| Certifications | |
| Certifications | - CE, FCC, RoHS, REACH |
| Environment | |
| Temperature | - Operating: 0°C ~ 60°C |
| | - Storage: -20°C ~ 85°C |
| Warranty | |
| Warranty | - 2 Years Limited Warranty |