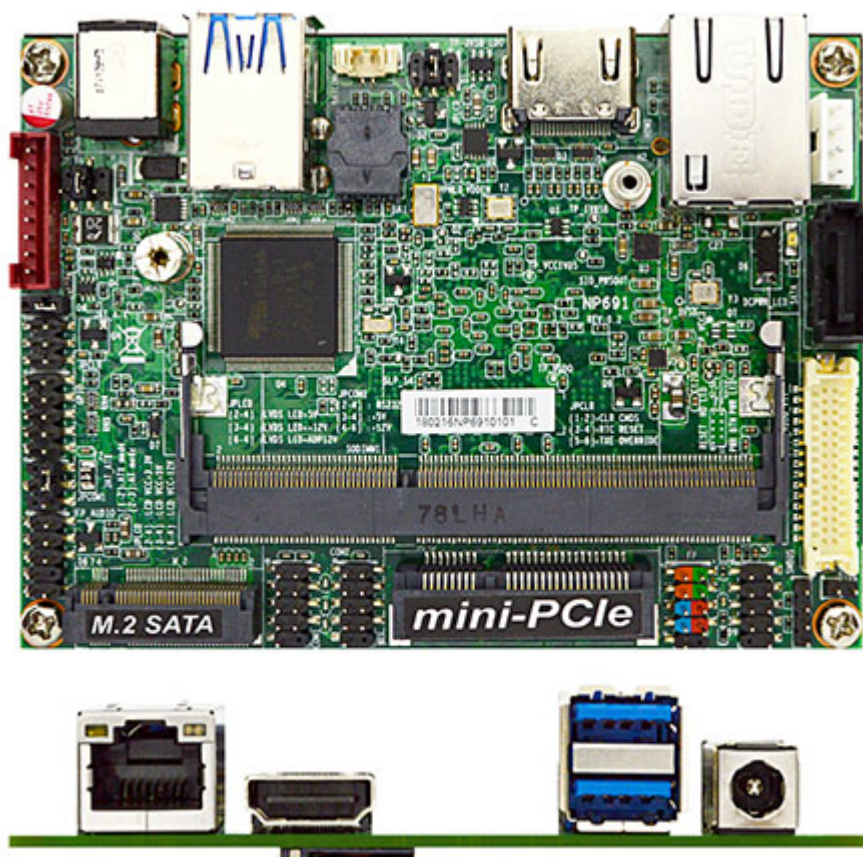




229.00 EUR  
incl. 19% VAT, plus [shipping](#)

The JETWAY JNP691 Series adopts the Intel® Apollo Lake N3350/N4200 SoC processor. JNP691 Series equipped with DDR3L SO-DIMM slot and M.2 (M-key, 2242) which is suitable for most of the applications.

In addition, it offers flexible expansion with mPCIe slot which can connect other add-on modules. JNP691 Series also has two USB 3.0, two USB 2.0, one RS232 and one RS232/422/485 ports. Customers can connect different peripherals to meet their needs. JNP691 Series also support HDMI/LVDS dual display which can be used for standard main board or panel PC. All of the JNP691 Series designs provide rich features with small dimension.

- Intel® Apollo Lake N3350/N4200 SoC Processor
- Support 1 \* DDR3L 1866MHz SO-DIMM up to 8GB
- 1\* GbE, 2\* Internal COM ports, 2\* External USB3.0 & 2\* Internal USB2.0
- Support HDMI and LVDS
- Support M.2 (M-key, SATA interface, 2242) storage
- 1 \* full size Mini-PCIe slot
- 12V DC-in power

| Model / Part Number |                                    |               |  |
|---------------------|------------------------------------|---------------|--|
| Model               | – JNP691-3350                      | – JNP691-4200 |  |
| Part Number         | – JNP691-3350                      | – JNP691-4200 |  |
| Form Factor         |                                    |               |  |
| Dimensions          | – 2.5” (100 * 72mm)                |               |  |
| Processor System    |                                    |               |  |
| CPU                 | – Intel® Apollo Lake SoC Processor |               |  |
| Core Number         | – Dual Core                        | – Quad Core   |  |
| Max Speed           | – 2.4GHz                           | – 2.5GHz      |  |
| Cache               | – 2MB                              |               |  |
| Chipset             | – SoC                              |               |  |

|                           |                                         |  |
|---------------------------|-----------------------------------------|--|
| BIOS                      | – AMI Flash ROM                         |  |
| <b>Expansion Slot</b>     |                                         |  |
| Mini-PCIe                 | – 1 (full size)                         |  |
| M.2                       | – 1 (M-key, SATA interface, 2242)       |  |
| SIM Card Holder           | – 1                                     |  |
| <b>Memory</b>             |                                         |  |
| Technology                | – DDR3L 1866MHz SDRAM                   |  |
| Max.                      | – 8GB                                   |  |
| Socket                    | – 1 * SO-DIMM                           |  |
| <b>Graphics</b>           |                                         |  |
| Controller                | – Intel® HD Graphics                    |  |
| VRAM                      | – Shared Memory                         |  |
| VGA                       | – 0                                     |  |
| LVDS                      | – 1 (Max. Resolution: 1920×1080@60Hz)   |  |
| eDP                       | – 0                                     |  |
| HDMI 1.4                  | – 1 (Max. resolution: 3840×2160@30Hz)   |  |
| Multi Display             | – Dual                                  |  |
| <b>Ethernet</b>           |                                         |  |
| Ethernet                  | – 10/100/1000 Mbps                      |  |
| Controller                | – 1 * Realtek RTL8111H GbE              |  |
| Connector                 | – 1 * RJ 45                             |  |
| <b>Audio</b>              |                                         |  |
| CODEC                     | – HD Audio: Realtek ALC662VD            |  |
| Channel                   | – Line-in, Line-Out, MIC                |  |
| <b>SATA</b>               |                                         |  |
| Max Data Transfer Rate    | – 1 * SATAIII (6.0Gb/s)                 |  |
| <b>Rear I/O</b>           |                                         |  |
| VGA                       | – 0                                     |  |
| HDMI                      | – 1                                     |  |
| Ethernet                  | – 1                                     |  |
| USB                       | – 2 * USB3.0                            |  |
| Audio                     | – 0                                     |  |
| Serial / Parallel         | – 0 / 0                                 |  |
| PS2                       | – 0                                     |  |
| DC-input                  | – 1                                     |  |
| <b>Internal Connector</b> |                                         |  |
| USB                       | – 2 * USB 2.0                           |  |
| Ethernet                  | – 0                                     |  |
| LVDS / inverter           | – 1                                     |  |
| eDP                       | – 0                                     |  |
| VGA                       | – 0                                     |  |
| Serial                    | – 2 (COM2: RS232 & COM1: RS232/422/485) |  |
| SATA                      | – 1                                     |  |
| mPCIe                     | – 1                                     |  |
| mSATA                     | – 0                                     |  |

|                           |                                                                                                                          |  |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------|--|
| M.2                       | – 1 (M-key, SATA interface, 2242)                                                                                        |  |
| GPIO                      | – 1 (8 bit)                                                                                                              |  |
| Chassis intrusion         | – 0                                                                                                                      |  |
| Audio Header              | – 1                                                                                                                      |  |
| SMBUS/ I2C                | – 1                                                                                                                      |  |
| AT mode                   | – 1                                                                                                                      |  |
| TPM Header                | – N/A                                                                                                                    |  |
| Others                    | – N/A                                                                                                                    |  |
| <b>Watchdog Timer</b>     |                                                                                                                          |  |
| Output                    | – From Super I/O to drag RESETCON#                                                                                       |  |
| Interval                  | – 256 segments                                                                                                           |  |
| <b>Power Requirements</b> |                                                                                                                          |  |
| Input PWR                 | – 12V DC-in Power                                                                                                        |  |
| Power On                  | AT/ATX Supported<br>– AT : Directly PWR on as Power input ready<br>– ATX: Press Button to PWR on after Power input ready |  |
| <b>Certifications</b>     |                                                                                                                          |  |
| Certifications            | – CE, FCC, LVD                                                                                                           |  |
| <b>Environment</b>        |                                                                                                                          |  |
| Temperature               | – Operating: 0°C – 60°C                                                                                                  |  |
|                           | – Storage: -20°C – 85°C                                                                                                  |  |
| <b>Warranty</b>           |                                                                                                                          |  |
| Warranty                  | – 2 Years Limited Warranty                                                                                               |  |