



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                         |  |
|------------------------|---|--|
| Expansion Slo          |   |  |
| Mini-PCle              | – 1 (full size)                         |  |
| M.2                    | – 1 (M-key, SATA interface, 2242)       |  |
| SIM Card Holder        | -1                                      |  |
| Memory                 |   |  |
| Technology             | – DDR3L 1866MHz SDRAM                   |  |
| Max.                   | – 8GB                                   |  |
| Socket                 | – 1 * SO-DIMM                           |  |
| Graphics               |   |  |
| 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                                  |  |
| Ethernet               |   |  |
| Ethernet               | – 10/100/1000 Mbps                      |  |
| Controller             | – 1 * Realtek RTL8111H GbE              |  |
| Connector              | – 1 * RJ 45                             |  |
| Audio                  |   |  |
| CODEC                  | – HD Audio: Realtek ALC662VD            |  |
| Channel                | – Line-in, Line-Out, MIC                |  |
| SATA                   |   |  |
| Max Data Transfer Rate | – 1 * SATAIII (6.0Gb/s)                 |  |
| Rear I/O               |   |  |
| VGA                    | - 0                                     |  |
| HDMI                   | - 1                                     |  |
| Ethernet               | - 1                                     |  |
| USB                    | – 2 * USB3.0                            |  |
| Audio                  | - 0                                     |  |
| Serial / Parallel      | - 0 / 0                                 |  |
| PS2                    | - 0                                     |  |
| DC-input               | - 1                                     |  |
| Internal Conne         | ctor                                    |  |
| USB                    | – 2 * USB 2.0                           |  |
| Ethernet               | - 0                                     |  |
| LVDS / inverter        | - 1                                     |  |
| eDP                    | - 0                                     |  |
| VGA                    | - 0                                     |  |
| Serial                 | - 2 (COM2: RS232 & COM1: RS232/422/485) |  |
| SATA                   | - 1                                     |  |
| mPCle                  | - 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   |  |
| Watchdog Ti        | mer   |  |
| Output             | <ul> <li>From Super I/O to drag RESETCON#</li> </ul>                    |  |
| Interval           | – 256 segments  |  |
| <b>Power Requi</b> | rements   |  |
| Input PWR          | – 12V DC-in Power   |  |
| Power On           | AT/ATX Supported  |  |
|                    | <ul> <li>AT : Directly PWR on as Power input ready</li> </ul>           |  |
|                    | <ul> <li>ATX: Press Button to PWR on after Power input ready</li> </ul> |  |
| Certification      | S   |  |
| Certifications     | – CE, FCC, LVD  |  |
| Environment        |   |  |
| Temperature        | – Operating: 0°C – 60°C   |  |
|                    | – Storage: -20°C – 85°C   |  |
| Warranty           |   |  |
| Warranty           | – 2 Years Limited Warranty  |  |
|                    |   |  |