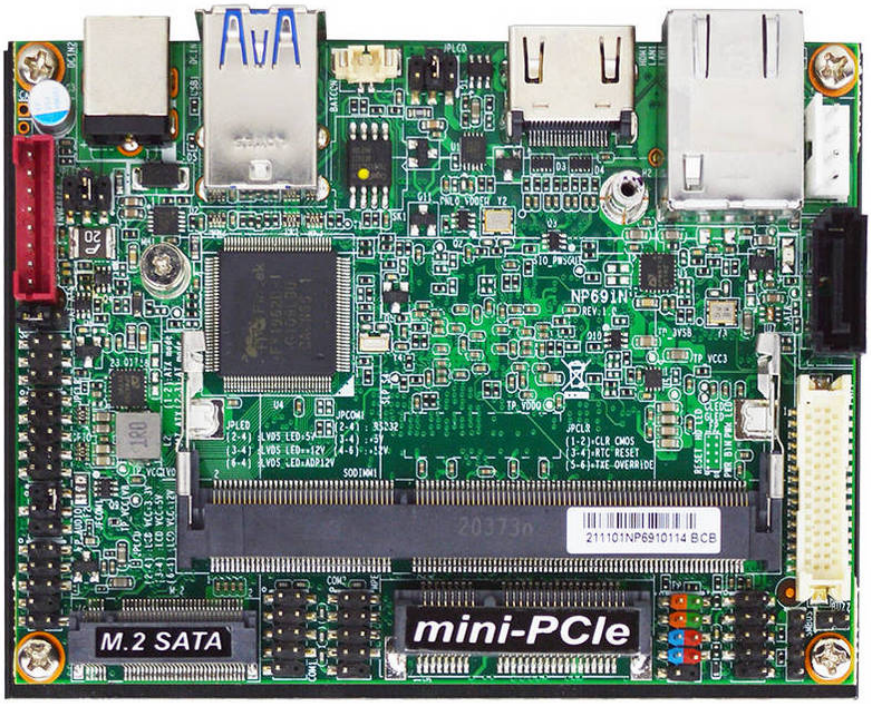
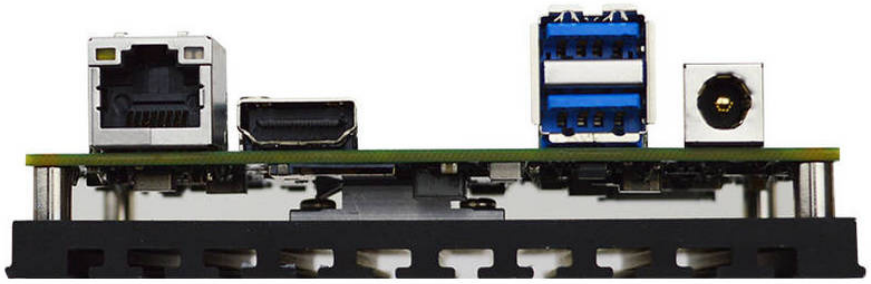




298.00 EUR
incl. 19% VAT, plus shipping

- Intel Celeron J3455 !
- Pico-ITX 100 x 72 mm !
- HDMI 4K + LVDS !
- M.2, mPCIe & SIM !

- Intel® Celeron® J3455 SoC processor (formerly Apollo Lake)
- Ultra-compact Pico-ITX form factor, 100 x 72 mm
- Dual display support with HDMI® 4K and LVDS
- 1 x DDR3L-1866 SO-DIMM slot supporting up to 8 GB
- 2 x COM, 2 x USB 3.0 and internal header for 2 x USB 2.0
- 1 x SATA III, 1 x M.2 M-Key 2242 (SATA), 1 x full-size Mini-PCIe and SIM card slot
- CPU mounted on the bottom for easy integration into fanless systems
- 12 V DC-in

The JETWAY JNP691N is a Pico-ITX motherboard powered by an Intel® Celeron® J3455 SoC processor. It combines a DDR3L SO-DIMM slot with compact dimensions and comprehensive connectivity for embedded applications.

For display connectivity, HDMI® supports a maximum resolution of 3840 x 2160 at 30 Hz, while LVDS supports up to 1920 x 1080 at 60 Hz. Operation of two displays is supported.

For storage and expansion, the board provides SATA III, an M.2 M-Key 2242 slot with SATA interface, a full-size Mini-PCIe slot and a SIM card slot. Gigabit Ethernet connectivity is provided by Realtek® RTL8111H.

Model	JNP691N Series
Form Factor	
MB Form Factor	Pico-ITX
Dimension (W x D)	100.0 (W) x 72.0 (D) mm (3.9" x 2.8")

System	
CPU	Onboard Intel® Celeron® Processor J3455 (Formerly Apollo Lake, TDP 10W)
Chipset	Intel® SoC
Memory	1 x DDR3L 1866MT/s SDRAM SO-DIMM up to 8GB
BIOS	AMI Flash ROM
Watchdog Timer	255 Levels
Power	
Power Requirement	DC-in 12V
Power On Mode	AT / ATX
Connector	DC Jack
Display	
GPU	Intel® HD Graphics
LVDS	1 x LVDS (Max. Resolution: 1920 x 1080 @60Hz)
HDMI®	1 x HDMI® (Max. Resolution: 3840 x 2160@30Hz)
Multiple Display	Support 2 Displays
Audio	
Codec	Realtek Audio Codec
LAN	
Ethernet	1 x RJ45 for Realtek® RTL8111H GbE
USB Port	
USB	2 x USB 3.0 Internal Header for 2 x USB 2.0
Serial Port	
COM	Internal Header for 1 x RS-232 Internal Header for 1 x RS-232/422/485
Internal I/O	
GPIO	8-Bit
SMBUS	Yes
Additional	1 x Chassis Intrusion 1 x Audio Header 1 x LVDS w/ Inverter
Storage	
SATA	1 x SATA III
Mini PCI-E	1 x Full Size Mini-PCIe
Expansion	
M.2	1 x M-Key 2242 (SATA)
SIM	1 x SIM Card Slot
Environment & Certification	
Shock	15G, 11ms duration
Vibration	1 Grms/ 5~ 500Hz/ Operation
Operating Temperature	0°C ~ 60°C (32°F ~ 140°F)
Storage Temperature	-20°C ~ 85°C (-4°F ~ 185°F)
Operating Humidity	10 ~ 90% Relative Humidity, Non-condensing
Certification	CE/FCC Class A LVD