



999.00 EUR

incl. 19% VAT, plus shipping

- **Intel Coffee Lake !**
- **Mini ITX !**
- **8th / 9th Gen. Intel Core !**

- Intel® 8th/9th LGA1151 Socket Processor (Max. 65W TDP)
- 2 \* DDR4 2400/2666MHz SO-DIMM up to 64GB
- 2 \* 10/100/1000 Base-TX Ethernet Ports
- 1 \* HDMI, 1 \* DP, 1 \* VGA, 1 \* 24-bits Dual CH LVDS support Dual Displays
- 6 \* COM (COM1/2 support RS232/422/485), 4 \* USB3.1 Gen.1, 2 \* USB2.0
- 1 \* PCIe x16 slot, 1 \* M.2 M-key 2242/2280 (SATA/PClex4) support NVMe, 1 \* M.2 E-key 2230 (PClex1/USB2.0) support CNVi
- 3 \* SATAIII (6Gb/s)
- Support onboard TPM 2.0 (option)

The JETWAY JNF796M-H310 is Mini-ITX form factor board adopts the Intel® 8th/9th generation Core i7/i5/i3, Pentium and Celeron Processor. The board supports two SO-DIMM DDR4 2400/2666MHz memory, up to 64GB. Featuring the integrated Intel® Gigabit Ethernet controller, the JNF796M-H310 offers two 10/100/1000Base-TX Ethernet devices for network transmission. Three SATAIII (6Gb/s) interface and one M.2 M-key 2242/2280 (SATA/PClex4) support NVMe offer storage devices. One M.2 E-key 2230 (PClex1/USB2.0) support CNVi, four USB3.1 Gen.1 ports, two USB2.0 ports and six COM port provide versatile expansion. The PClex16 slot can support Jetway riser card for different expansion. The JNF796M-H310 offers one HDMI1.4 port, one DP1.4 port, one VGA port and one 24-bits Dual CH LVDS which can support 2 independent displays. Because of the above features, JNF796M-H310 is suitable for Digital Signage, Industrial PCs, Factory Automation, Public Sector, Digital Security and Surveillance applications.

## Model

Model – JNF796M-H310

## Form Factor

Form Factor – Mini-ITX (6.7-in \* 6.7-in, 170 \* 170mm)

## Processor System

Processor/CPU – Intel® 8th/9th LGA 1151 Socket Core i7/i5/i3/Pentium/Celeron Processor (Max. 65W TDP)  
– Intel H310 Express chipset  
– AMI 128Mb Flash ROM BIOS

## Memory

Memory – 2\* Dual CH DDR4 2400/2666MHz SDRAM SO-DIMM up to 64GB

## Expansion Slot

Expansion – 1\* M.2 E-key 2230 (PCIex1/USB2.0) support CNVi  
– 1\* PCIex16 slot

## Storage

Storage – 3\* SATAIII  
– 1\* M.2 M-key 2242/2280 (SATA/PCIex4) support NVMe

## Graphics

## Graphics

- Intel® HD Graphics, shared memory
- 1\* VGA (Max Resolution: 1920×1200@60Hz)
- 1\* LVDS (Max Resolution: 1920×1200@60Hz)
- 1\* HDMI 1.4 (Max Resolution: 4096×2160@30Hz)
- 1\* DP (Max Resolution: 4096×2304@60Hz)
- Support Dual Displays

## Ethernet

### Ethernet

- 1 \* Intel i219LM GbE
- 1 \* Intel i211AT GbE

## Audio

### Audio

- 6 channel HD audio: Realtek ALC662VD

## I/O Port

### Rear I/O

- 1\* VGA
- 1\* HDMI
- 1\* DP
- 2\* RJ45 Ethernet
- 4\* USB 3.1 (Gen. 1)
- Line-in, Line-out, MIC
- 2\* COM (COM 1/2 support RS232/422/485)

### Internal I/O

- 2\* USB 2.0
- 1\* PS/2
- 1\* LVDS / Inverter
- 4\* COM
- 3\* SATAIII
- 1\* M.2 E-key 2230 (PCIex1/USB2.0) support CNVi
- 1\* M.2 M-key 2242/2280 (SATA/PCIex4) support NVMe
- 1\* GPIO (8 bit)
- 1\* Chassis intrusion
- 1\* Audio Header
- 1\* SMBUS
- 1\* AT mode
- Support onboard TPM2.0 (option)

## Watchdog Timer

Watchdog Timer	<ul style="list-style-type: none"><li>- From Super I/O to drag RESETCON#</li><li>- 256 segments (10sec ~ 255min)</li></ul>
<b>Power</b>	
Power	ATX PWR (4+24 pin), AT/ATX Supported <ul style="list-style-type: none"><li>- AT : Directly PWR on as Power input ready</li><li>- ATX: Press Button to PWR on after Power input ready</li></ul>
<b>Compliance</b>	
Certifications	<ul style="list-style-type: none"><li>- CE, FCC, LVD, RoHS, REACH</li></ul>
<b>Environment</b>	
Temperature	<ul style="list-style-type: none"><li>- Operating: 0°C ~ 60°C</li><li>- Storage: -20°C ~ 85°C</li><li>- Humidity: 10% ~ 90% RH @40°C (non-condensing)</li></ul>