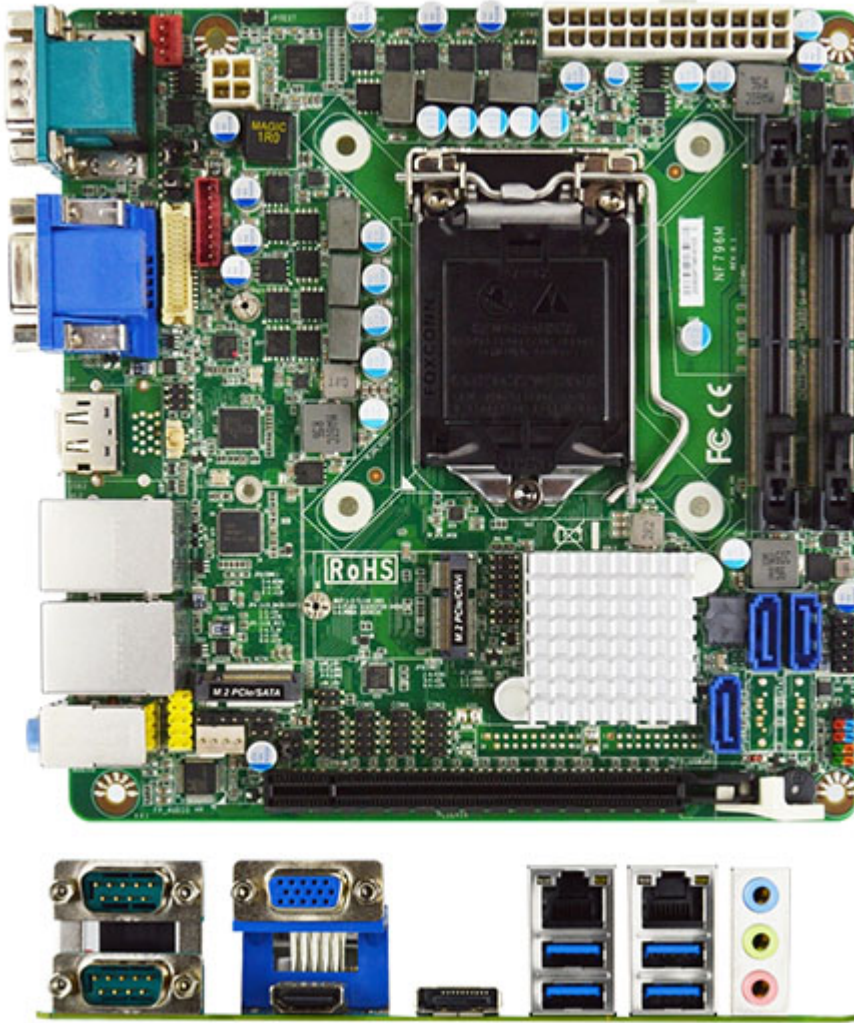




999.00 EUR

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/PCIex4) support NVMe, 1\* M.2
- E-key 2230 (PCIex1/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/PCIex4) support NVMe offer storage devices. One M.2 E-key 2230 (PCIex1/USB2.0) support CNVi, four USB3.1 Gen.1 ports, two USB2.0 ports and six COM port provide versatile expansion. The PCIex16 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                   | – JNF796M-H310                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Form Factor</b>      |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Form Factor             | – Mini-ITX (6.7-in * 6.7-in, 170 * 170mm)                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Processor System</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Processor/CPU           | <ul style="list-style-type: none"> <li>– Intel® 8th/9th LGA 1151 Socket Core i7/i5/i3/Pentium/Celeron Processor (Max. 65W TDP)</li> <li>– Intel H310 Express chipset</li> <li>– AMI 128Mb Flash ROM BIOS</li> </ul>                                                                                                                                                                                                                                       |
| <b>Memory</b>           |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Memory                  | – 2* Dual CH DDR4 2400/2666MHz SDRAM SO-DIMM up to 64GB                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Expansion Slot</b>   |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Expansion               | <ul style="list-style-type: none"> <li>– 1* M.2 E-key 2230 (PCIex1/USB2.0) support CNVi</li> <li>– 1* PCIex16 slot</li> </ul>                                                                                                                                                                                                                                                                                                                             |
| <b>Storage</b>          |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Storage                 | <ul style="list-style-type: none"> <li>– 3* SATAIII</li> <li>– 1* M.2 M-key 2242/2280 (SATA/PCIex4) support NVMe</li> </ul>                                                                                                                                                                                                                                                                                                                               |
| <b>Graphics</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Graphics                | <ul style="list-style-type: none"> <li>– Intel® HD Graphics, shared memory</li> <li>– 1* VGA (Max Resolution: 1920×1200@60Hz)</li> <li>– 1* LVDS (Max Resolution: 1920×1200@60Hz)</li> <li>– 1* HDMI 1.4 (Max Resolution: 4096×2160@30Hz)</li> <li>– 1* DP (Max Resolution: 4096×2304@60Hz)</li> <li>– Support Dual Displays</li> </ul>                                                                                                                   |
| <b>Ethernet</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Ethernet                | <ul style="list-style-type: none"> <li>– 1 * Intel i219LM GbE</li> <li>– 1 * Intel i211AT GbE</li> </ul>                                                                                                                                                                                                                                                                                                                                                  |
| <b>Audio</b>            |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Audio                   | – 6 channel HD audio: Realtek ALC662VD                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>I/O Port</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Rear I/O                | <ul style="list-style-type: none"> <li>– 1* VGA</li> <li>– 1* HDMI</li> <li>– 1* DP</li> <li>– 2* RJ45 Ethernet</li> <li>– 4* USB 3.1 (Gen. 1)</li> <li>– Line-in, Line-out, MIC</li> <li>– 2* COM (COM 1/2 support RS232/422/485)</li> </ul>                                                                                                                                                                                                             |
| Internal I/O            | <ul style="list-style-type: none"> <li>– 2* USB 2.0</li> <li>– 1* PS/2</li> <li>– 1* LVDS / Inverter</li> <li>– 4* COM</li> <li>– 3* SATAIII</li> <li>– 1* M.2 E-key 2230 (PCIex1/USB2.0) support CNVi</li> <li>– 1* M.2 M-key 2242/2280 (SATA/PCIex4) support NVMe</li> <li>– 1* GPIO (8 bit)</li> <li>– 1* Chassis intrusion</li> <li>– 1* Audio Header</li> <li>– 1* SMBUS</li> <li>– 1* AT mode</li> <li>– Support onboard TPM2.0 (option)</li> </ul> |
| <b>Watchdog Timer</b>   |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

|                    |                                                                                                                                                                                                       |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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              | <p>ATX PWR (4+24 pin), AT/ATX Supported</p> <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>                                       |