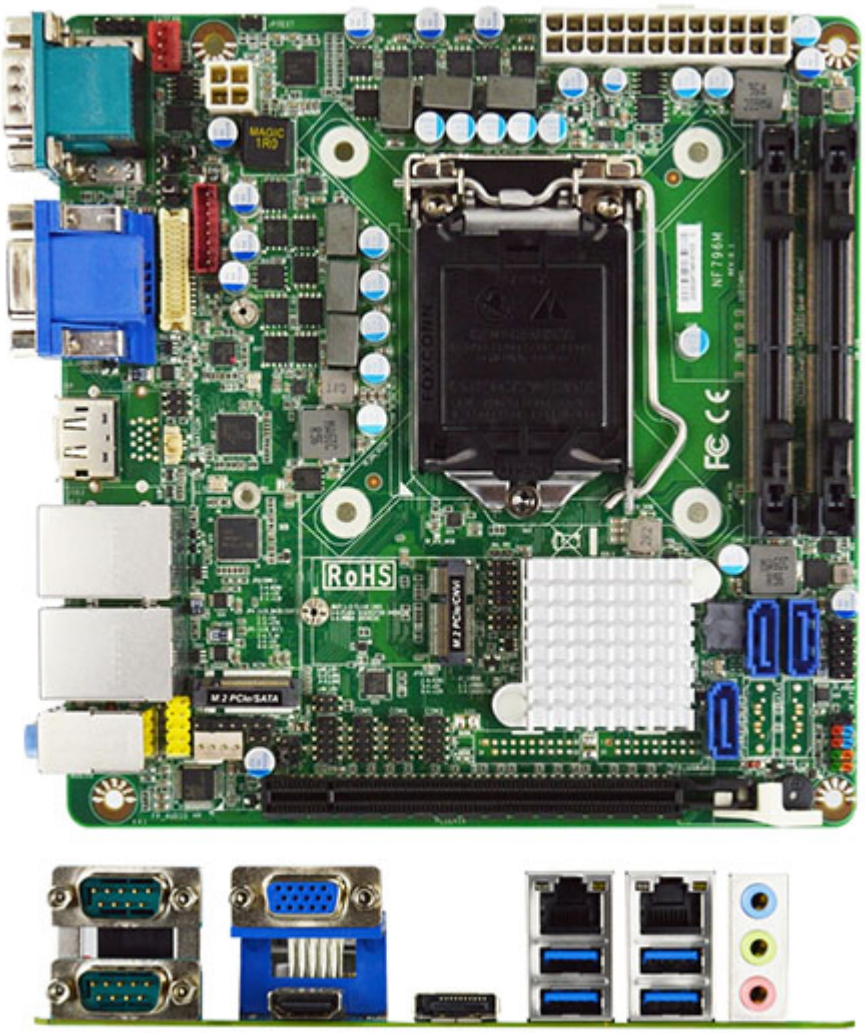

999.00 EUR
incl. 19% VAT, plus shipping

- 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

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	– From Super I/O to drag RESETCON# – 256 segments (10sec ~ 255min)
Power	
Power	ATX PWR (4+24 pin), AT/ATX Supported – AT : Directly PWR on as Power input ready – ATX: Press Button to PWR on after Power input ready
Compliance	
Certifications	– CE, FCC, LVD, RoHS, REACH
Environment	
Temperature	– Operating: 0°C ~ 60°C – Storage: -20°C ~ 85°C – Humidity: 10% ~ 90% RH @40°C (non-condensing)