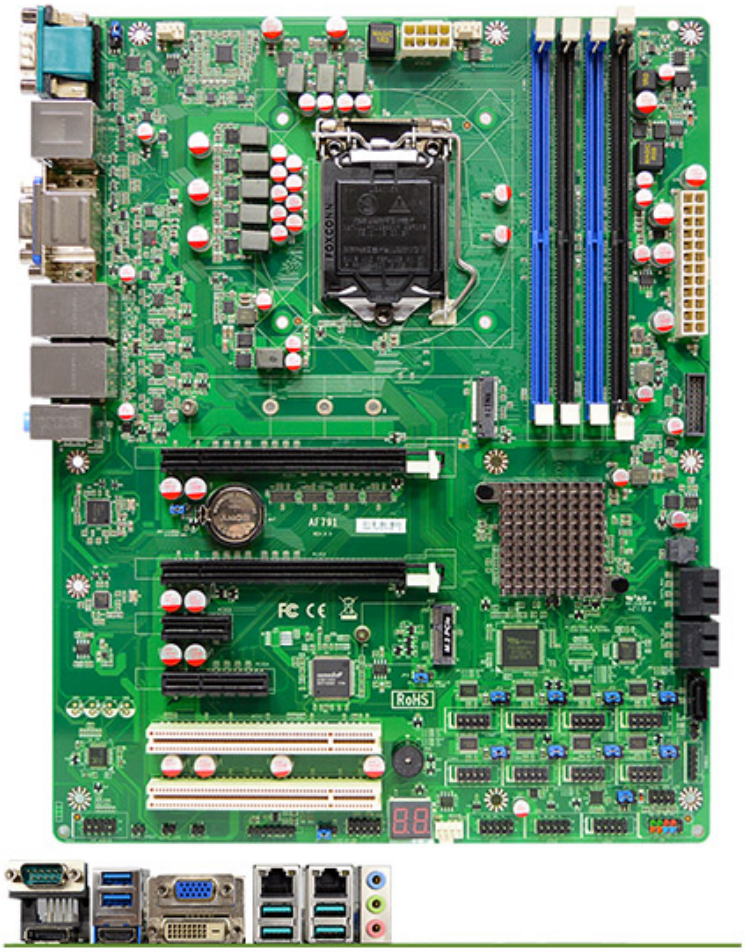

419.00 EUR
incl. 19% VAT, plus shipping

- **For Xeon E !**
- **LGA1151 Socket !**
- **H410 Chipset !**
- **ATX !**

The JETWAY JNAF791 Series are ATX form factor board adopts the Intel® 8th generation Xeon® E, Core i7/i5/i3, Pentium and Celeron Processor. The board supports four U-DIMM DDR4 2666Mhz memory slot, up to 128GB (with ECC for C246). Featuring the integrated Intel® Gigabit Ethernet controller, the JNAF791 offers two 10/100/1000Base-TX Ethernet devices for network transmission. Five SATAIII (6Gb/s) interface and one M.2 (PCIex4 with SATA interface, M-key support NVMe, 2242/2260/2280/22110) offer storage devices. One M.2 (E-key, 2230), four USB3.1 Gen.2 ports, four USB3.1 Gen.1 ports, four USB2.0 ports and ten COM ports provide versatile expansion. The JNAF791 provides two PCI slots, one PCIex1 slot, one PCIex4 slot, two PCIex16 slots (there are two configurations if plug one PCIe x16 card in one slot, the other slot is disable; or plug one PCIe x8 card in one slot, the other slot is able to plug one PCIe x8/x4/x1 card) can support different function expansion. The JNAF791 offers one HDMI1.4 port, one DP1.2 port, one VGA port and one DVI-D port which can support 3 independent displays. Because of the above features, JNAF791 is suitable for ATM machine, Industrial PCs, Factory Automation, Public Sector, Digital Security and Surveillance applications.

- Intel® Coffee Lake Processor (Max. 95W TDP)
- 4 * DDR4 2666MHz U-DIMM up to 128GB (ECC for C246 only)
- 2 * 10/100/1000 Base-TX Ethernet Ports
- 1 * HDMI, 1 * DP, 1 * VGA, 1 * DVI-D
- 10 * COM (COM1/2 support RS232/422/485), 4 * USB3.1 Gen.2, 4 * USB3.1 Gen.1 & 4 * USB2.0

- 2 * PCIe x16 slots, 1 * PCIe x4 slot, 1 * PCIe x1 slot, 2 * PCI slots, 1 * M.2 (PCIex4 with SATA interface, M-key support NVMe, 2242/2260/2280/22110), 1* M.2 (2230, E-key)
- 5 * SATA III (6Gb/s) support RAID 0, 1, 5, 10
- Support TPM1.2/2.0 (on board option)

Model	
Model	– JNAF791-C246
Part Number	– JNAF791-C246
Form Factor	
Dimensions	– ATX (305 * 244mm)
Processor System	
CPU Generation	– Intel® LGA1151 Gen 8 Coffee Lake Processor (Max. 95W TDP)
CPU SKU	– Xeon E, Core i7/i5/i3, Pentium, Celeron
Core Number	– (by CPU)
Max Speed	– (by CPU)
L2 Cache	– (by CPU)
Chipset	– C246
BIOS	– AMI Flash ROM
Expansion Slot	
PCI	– 2
PCIe	– 1 * PCIe x1, 1 * PCIe x4, 2 * PCIe x16. Support NVMe * Note: there are two configurations if plug one PCIe x16 card in one slot, the other slot is disable; or plug one PCIe x8 card in one slot, the other slot is able to plug one PCIe x8/x4/x1 card
M.2 (E-key)	– 1 (E-key, 2230)

M.2 (M-key)	– 1 (PCIex4 with SATA interface, M-key support NVMe, 2242/2260/2280/22110)
SIM Card Holder	– 0
Memory	
Technology	– DDR4 2666MHz Dual CH SDRAM W/ECC
Max.	– 128GB
Socket	– 4 * U-DIMM
Graphics	
Controller	– Intel® HD Graphics
VRAM	– Shared Memory
VGA	– 1 (Max. Resolution: 1920×1080@60Hz)
HDMI 1.4	– 1 (Max. Resolution: 4096×2160@30Hz)
DVI-D	– 1 (Max. Resolution: 1920×1200@60Hz)
DisplayPort	– 1 (Max. Resolution: 4096×2304@60Hz)
Multi Display	– Triple Displays
Ethernet	
Ethernet	– 10/100/1000 Mbps
Controller	– 2 * Intel GbE (1 * i219LM, 1 * i210AT)
Connector	– 2 * RJ45

Audio	
CODEC	– HD Audio : REALTEK® ALC888S
Channel	– 6 Channel
SATA	
Max Data Transfer Rate	– 5 * SATAIII support RAID 0, 1, 5, 10
Rear I/O	
VGA	– 1
DVI-D	– 1
HDMI	– 1
DisplayPort	– 1
Ethernet	– 2
USB	– 4 * USB 3.1 (Gen. 2) & 2 * USB3.1 (Gen. 1)
Audio	– 3 (Line-In, Line-Out, MIC)
Serial	– 1 (COM1 support RS232/422/485)
Internal Connector	
USB	– 2 * USB3.1 (Gen. 1), 4 * USB 2.0
PS/2	– 1
Serial	– 9 (COM2 support RS232/422/485)
SATA	– 5 * SATAIII

M.2 (E-key)	– 1 (E-key, 2230)
M.2 (M-key)	– 1 (PCIex4 with SATA interface, M-key support NVMe, 2242/2260/2280/22110)
GPIO	– 1 (8 bit)
Chassis intrusion	– 1
Audio Header	– 1
SMBUS	– 1
AT mode	– 1
TPM	– 1 (on board option)
Watchdog Timer	
Output	– From Super I/O to drag RESETCON#
Interval	– 256 segments (10sec ~ 255min)
Power Requirements	
Input PWR	– ATX PWR (8+24 pin)
Power On	AT/ATX Supported – AT : Directly PWR on as Power input ready – ATX : Press Button to PWR on after Power input ready
Certifications	
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)