



309.00 EUR

incl. 19% VAT, plus shipping

- **Old name JNF692G6-345**

- Intel® Apollo Lake series SoC Processor. Default is J3455/N4200
- 1 * 204-pin DDR3L 1866MHz SODIMM Up to 8 GB
- 6* 10/100/1000 Base-TX Ethernet Ports (support up to 2 pairs ByPass GbE option)
- Support Intel AES NI and TPM (option) to secure customers data
- 1 * RS232 Console, 2 * USB3.0 & 2 * USB2.0, 1 * HDMI
- 1* Mini PCIe Slots (full size), 1* mSATA (full size), 1 * SIM card holder
- 12V DC-in power

The JETWAY JNF692 Series adopts the Intel® Apollo Lake series SoC processor. The system memory features one 204-pin DDR3L 1866MHz SODIMM Up to 8 GB. It equipped with six Gigabit Ethernet LAN ports (support up to 2 pairs ByPass GbE option) and suitable for networking environment. Intel® Apollo Lake series processor support AES NI which is a new encryption instructions to improves on the AES algorithm and accelerates the encryption of data. NF692 also support TPM feature to secure customers' data (JETWAY Mini PCIe TPM card supported).

In addition, it offers flexible expansion with network products and features one Mini PCIe slots, two USB 3.0 port, and one RS232 console port. Expansion opportunities are available with 1 Mini PCIe slot and 1 SIM card holder enabling the addition of Wi-Fi, 3G, 4G LTE for multiple connectivity. In addition, an internal Mini-SATA slot and SATA III connector for a 2.5" device provides storage selection. The console port deploys console re-direction that increases the network security via remote control. NF692 equip with TVS, voltage, current and ESD protection. All of these designs provide for a more user-friendly solution.

Model		JNF692G6-420 JNF692G6-345	JNF692G6-420B1 JNF692G6-345B1
Part Number		– JNF692G6-420 – JNF692G6-345 (Default)	– JNF692G6-420B1 – JNF692G6-345B1
Form Factor			
Dimensions		– Slim Mini-ITX (6.7-in * 6.7-in, 170 * 170mm)	
Processor System			
CPU		– Intel® Apollo Lake SoC Processor	
Core Number		– (by CPU)	
Max Speed		– (by CPU)	
L2 Cache		– (by CPU)	
Chipset		– SoC	
BIOS		– AMI 128Mb Flash ROM	
Expansion Slot			
Mini-PCIe		– 1 (full size)	
mSATA		– 1 (full size)	
PCIe		– x1 (horizontal)	
SIM Card Holder		– 1	
Memory			

Technology	– DDR3L 1866MHz SDRAM	
Max.	– 8GB (SO-DIMM)	
Socket	– 1 * SO-DIMM	

Graphics

Controller	– Intel® HD Graphics	
VRAM	– Shared Memory	
HDMI	– 1 (header connector, Max. Resolution: 3840 * 2160@30Hz)	
MultiDisplay	– No	

Ethernet

Ethernet	– 10/100/1000 Mbps	
Controller	– Intel i211AT GbE	
Connector	– 6 * RJ45	– 6 * RJ45 (1 pair support ByPass GbE)

Audio

CODEC	– N/A	
Channel	– N/A	

SATA

Max Data Transfer Rate	– 1 * SATAIII (6.0Gb/s) and 1 * mSATA (full size)	
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Rear I/O

Ethernet	- 6	- 6 (1 pair support ByPass GbE)
USB	- 2 * USB 3.0	
Serial	- 1 * RS232 with RJ45 type connector	
LED	- 2 (POWER, HDD)	

Internal Connector

USB	- 2 * USB 2.0	
HDMI	- 1	
Serial	- 3 * RS232 (COM2 support RS232/422/485)	
SATA	- 1	
mPCIe	- 1 (full size)	
mSATA	- 1 (full size)	
GPIO	- 1 (4 in/4 out)	
SMBUS	- 1	
AT mode	- 1	
SIM card holder	- 1	
PS/2	- 1	

Watchdog Timer

Output	- From Super I/O to drag RESETCON#	
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Interval	– 256 segments, 10sec...255min
Power Requirements	
Input PWR	– +12V DC-in PWR header
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, RoHS, REACH
Environment	
Temperature	– Operating: 0°C ~ 60°C(with 0.7m/s air flow)
	– Storage: -20°C ~ 85°C
Warranty	
Warranty	– 2 Years Limited Warranty