

Item no.: 394704

## Network Appliance with Intel® Processor N-series

from **496,28 EUR**

Item no.: 394704  
shipping weight: 1.10 kg  
Manufacturer: AAEON



### Product Description

Implement network security solutions you can trust with the new FWS-2290. AAEON's most powerful desktop network platform yet, the FWS-2290 offers Intel® Processor N-series processing alongside the most advanced selection of networking interfaces its desktop network appliance portfolio has ever seen, giving enterprises of all sizes the ultimate toolset with which to manage their network traffic, security, and connectivity. Up to 8 Cores of Efficient Computing Utilizing the Intel® Processor N97 CPU, and supporting the full Intel® Processor N-series range, the FWS-2290 grants up to 8 cores of computing power at just 15W. Additionally, the platform offers integrated security for applications such as UTM and VPN through the inclusion of Intel® Control-Flow Enforcement Technology (CET), AES-NI, and Virtualization Technology for Directed I/O, accelerating encryption and decryption and reinforcing software vulnerabilities when managing large volumes of network traffic. Faster, More Robust Networking The FWS-2290 boasts four LAN ports supporting Intel® Ethernet Controller I226-V at 2.5GbE with LAN bypass, granting multiple avenues for fast, reliable wired connectivity. Moreover, the device's onboard LPDDR5 provides greater speed and lower latency, facilitating the parallel data processing required by firewall, VPN, and intrusion detection applications without impacting network throughput. Modular Wireless Expansion The expansion offered by the FWS-2290 opens the door to more flexible networking solutions, with M.2 E and B-Key slots providing both Wi-Fi and 5G support, in addition to a co-layered mini card for 4G/LTE connectivity. Such multifaceted options increase robustness and redundancy-proofing, while the device also houses up to six openings for the installation of external antennas, substantially boosting both signal strength and range.

- Intel® Processor N-series, 2~8 cores- Onboard LPDDR5 4GB, up to 16GB- Intel® Ethernet Controller I226-V, 2.5GbE x 4- M.2 3052 B-Key for 5G (Co-layer Mini-Card slot with Push-pin SIM for 4G LTE/Wi-Fi)- M.2 2230 E-Key (Co-layer Mini-Card slot for Wi-Fi)

**Product Specifications**

**SYSTEM- FORM FACTOR:** Desktop Network Appliance- **PROCESSOR:** Intel® Processor N97- **CHIPSET:** SoC- **SYSTEM MEMORY:** Onboard 4G LPDDR5

**NETWORK- ETHERNET:** Intel® Ethernet Controller I226-V, 2.5GbE x 4- **BYPASS:** 1 Pair

**DISPLAY- GRAPHICS CONTROLLER:** Intel® UHD Graphics- **CONNECTOR:** HDMI x 1 (Optional)

**STORAGE- HDD:** 2.5" HDD Bay x 1- **CF/CF/FAST/MSATA:** 32G eMMC

**SATA 6Gb/s x 1**

**INTERNAL/ EXPANSION INTERFACE- PCIE SLOT:** —

**MINI-PCIE SLOT:** M.2 3052 B-Key (5G, Colay Mini Card with Push-pin SIM for 4G LTE/Wi-Fi)

**M.2 2230 E-Key (Colay Mini Card slot for Wi-Fi)- Keyboard and Mouse:** —

**USB:** USB 3.2 Gen 2 x 1

**USB 2.0 x 1**

**MISCELLANEOUS- RTC:** Internal RTC- **WATCHDOG TIMER:** 1~255 steps by software programmable- **Software Button:** GPIO Programmable push button x 1- **TPM:** (TPM 2.0 SLB9670 VQ2.0 FW7.85, optional)- **GPIO:** 4-bit Input, 4-bit Output (optional)- **FAN:** Fan x 1- **MTBF (HOURS):** 952,764- **COLOR:** Black

**PHYSICAL & ENVIRONMENTAL SPEC- POWER Consumption:** 12V Lockable DC Power Input Connector x 1 (40W Power Adapter)- **OPERATING TEMPERATURE:** 32°F - 104°F (0°C - 40°C)- **STORAGE TEMPERATURE:** -4°F ~ 140°F (-20°C ~ 60°C)- **OPERATING HUMIDITY:** 10%~80% relative humidity, non-condensing- **STORAGE HUMIDITY:** 10%~80% @40°C; non-condensing- **VIBRATION:** 0.5 Grms/ 5 ~ 500Hz / operation (mSATA) 1.5 Grms/ 5 ~ 500Hz / non-operation- **SHOCK:** 10 G peak acceleration (11 m sec. duration), operation 20 G peak acceleration (11 m sec. duration), non-operation-

**DIMENSION (W X D X H):** 6.5" x 3.62" x 1.57" (165mm x 92mm x 40mm)

**I/O- FRONT PANEL** Power LED x 1

**Status LED x 1**

**Bypass LED x 1**

**Storage Active LED x 1**

**Ethernet LED x 8**

**(Accessible SIM slot x 1**

**Optional)Antenna Hole x 2 (Right panel)Antenna Hole x 2 (Left panel)- REAR PANEL** Lockable DC Power Input Connector x 1

**Power Button x 1**

**USB 3.2 Gen x 1**

**USB 2.0 x 1**

**RJ-45 x 4**

**RJ-45 Console x 1**

**Reset Button x 1**

**Antenna Hole x 2**

### Specifications

Scan this QR code to view the product  
All details, up-to-date prices and availability

