

Item no.: FWS-2280-E5-A10-000

## FWS-2280-E5-A10-000 - Desktop Network Appliance with Intel® Elkhart Lake Processor

from **425,96 EUR**

Item no.: FWS-2280-E5-A10-000  
 shipping weight: 0.50 kg  
 Manufacturer: AAEON



### Product Description

#### FWS-2280 - Desktop Network Appliance with Intel® Elkhart Lake Processor

The FWS-2280 is powered by the latest Intel® Celeron® J6000/Pentium® N6000 series/Atom™ x6000E series processors (formerly Elkhart Lake), designed to bring the performance needed to power network applications from UTM and firewall to VPN and SD-WAN, and now FlexiWAN certified. Supporting up to 32 GB of RAM, the system is capable of handling intensive networking processes, as well as ensure more accurate and secure connections thanks to technologies like Intel® AES-NI.

Designed for faster, more flexible connections, the FWS-2280 comes standard with four copper Gigabit RJ-45 LAN ports and one fiber SFP port, allowing fast, direct connections. The FWS-2280 provides wireless flexibility with six antenna ports and three Mini PCIe slots (co-lay with M.2), allowing up to three wireless modules to be installed at the same time; including multiple Wi-Fi and Bluetooth networks, as well as 4G and 5G cellular modules.

The FWS-2280 also features a redundant power supply for more reliable networking; and a 2.5" SATA drive bay to help power local network storage needs. The FWS-2280 is a great platform for powering a range of network deployments, including Work From Home with VPN and Firewall technology, as well as providing a uCPE white box platform for secure SD-WAN networks.

#### System

- Form factor: Desktop Network Appliance
- Processor: Intel Elkhart lake SoC processor 2–4 cores
- Chipset: SoC
- System memory: 1x 260-pin DDR4 SO-DIMM, 3200 MHz

#### Network

- Ethernet: 4x Intel® i211, Gigabit Ethernet; 1x Intel® i210, SFP

#### Display

- Graphic controller: Intel® UHD Graphics
- Connector: 1x HDMI

#### Storage

- CF/CFast/MSATA: 1x mSATA slot; 1x SATA III port

#### Internal/Expansion Interface

- Mini-PCIe slot: 1x mini card socket (PCIe + USB 2.0, full size) with SIM; 1x mini card socket (PCIe, half size); x1 M.2 B key 3052 (USB 3.0, full size) with SIM (optional)
- USB: 2x USB 2.0 type A

#### Miscellaneous

- RTC: Internal RTC
- Watchdog timer: 1~255 steps by software programmable
- Software button: 1x GPIO programmable push button
- TPM: (TPM SLB9670 VQ2.0 FW7.85 optional)
- GPIO: (4 bits input, 4 bits output optional)
- Fan: Fan-less
- MTBF (hours): TBD
- Color: Black

#### Environmental Parameters and Dimension

- Power requirement: 2x 12 V DC power input connector lockable, 40 W 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 ~ 500 Hz/operation (mSATA); 1.5 Grms/5 ~ 500 Hz/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): 8.27" x 4.09" x 1.73" (210 x 105 x 44 mm)

#### I/O

- Front panel: 3x LEDs (power, status, storage); 1x Micro-SIM; 2x antenna hole
- Rear panel: 2x DC power input connector lockable; 1x power button; 2x USB 2.0 ports; 4x 1 GbE RJ45 ports, 1x SFP; 1x RJ-45 console; 1x reset button; 3x antenna hole

## Specifications

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