# DynFi FWA- 2510
*Network Security Platform by DynFi®*

# Network Cybersecurity Appliance
# with Intel® Celeron Elkhart Lake - 4x 2.5GbE

## Environmentally friendly appliance

### High-performance fanless architecture

DynFi FWA-2510 is a low-power, high-performance network cybersecurity appliance. It optimizes power consumption thanks to a discreet enclosure and the latest-generation Intel Celeron embedded processor.

## No compromise on performance

### 4 Intel® 2.5G Ethernet ports

With its 4 Intel 2.5G Ethernet ports, this appliance can be deployed on the front line, where network availability and reliability are key concerns.

### Intel Celeron Elkhart Lake processor

Equipped with the on-board Intel Celeron processor (2.0GHz - burst 2.6GHz - 4 cores) at very low voltage (10W), it provides excellent processing capacity.

### DDR4 ECC memory

The appliance supports up to 32GB of 3200 MHz DDR4 RAM, and will be equipped with 8GB of industrial-grade RAM.

### Native NVMe storage

The system is installed on a 128GB NVMe (PCIe Gen3 x2) M.2 storage unit with an M.T.B.F. of over 2,000,000 hours.

## Advanced Intel technologies

The FWA-2510 features the latest AES and Secure Key security technologies, as well as VTx and VTd virtualization instructions.

## Reliability and durability

The extensive R&D that went into the creation of this box, and the quality of the components used, will ensure that it runs smoothly and uninterruptedly for many years to come.

## Extended compatibility

### Optimized for DynFi Firewall

This firewall is particularly optimized for operating with the DynFi Firewall.

### DynFi Firewall pre-installed

The FWA-2510 is pre-installed with DynFi Firewall version 3.00.

## Compatible with DynFi Manager

### Centralized management for your firewalls

DynFi Manager is a centralized management software for Open Source firewalls. It is compatible with your FWA-2510 firewall.

Free up to three appliances.

# DynFi FWA-2510 firewall technical datasheet

| FUNCTIONALITIES | | DESCRIPTION |
|---|---|---|
| Format | | Desktop fanless |
| Plateform | Processor | Intel® Elkhart Lake SoC Processor (J6412) - 4 cores - 4 threads |
| | Chipset | SoC |
| | Technology | DDR4 |
| System memory | Technology | Up to 32GB - installed with 8GB |
| | Socket | 1x DDR4 3200MHz SO-DIMM |
| OS Supported | | Optimized for DynFi Firewall - Windows - Unix - BSD's - pfSense® - OPNsense® compatible |
| Storage | NVMe storage | 1x NVMe M.2 2242 slot - 1600MB/s read 1200MB/s write PCIe Gen.3 x2/SATA interface - 128GB - 112L 3D TLC NAND Operating temperature from -40°C to 85°C |
| | eMMC storage | 1x eMMC 8GB |
| Networking | Ethernet Ports | 4x Intel i255V 2.5GbE |
| I/O interfaces | Console | 1x port COM RJ45 |
| | Grafics | 1x HDMI 2.0 (Max Resolution: 4096x2160@60Hz) |
| | USB | 1x USB3.1 , 1x USB2.0 |
| Extensions | M.2 | 1x M.2 E-key - 2230 |
| Cooling | Processor | 1x passive cooling with dynamic dissipation |
| Environmental parameters | Ambient operating / storage temperature | -20 ~ 60° C / -40° ~ 85° C |
| | Operating ambient humidity | 10% ~ 95% RH @40°C, non-condensing |
| Miscellaneous | Internal RTC with Li battery | Yes |
| Physical dimension | Dimensions (LxLxH) | 125 x 109 × 39,5 mm |
| | Weight | 1.2 kg empty - 1.8 kg packed |
| Wall mounting kit | | Included with firewall |
| Power supply | System Input | Adapter: AC 90~240V input / DC12V-3.3A-40W output |
| Certifications | | CE emssion - FCC Class A - RoHS |
| Ordering | DynFi FWA-2510 | Intel Celeron 2.0GHz SoC - 4x 2.5GbE - 8GB DDR4 - NVMe 128GB - Fanless |

DynFi is a French company based in Paris, whose ambition is to develop the best Open Source firewalls on the market, bringing new features and a unique centralized management capability.

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