

Network Computing Platforms

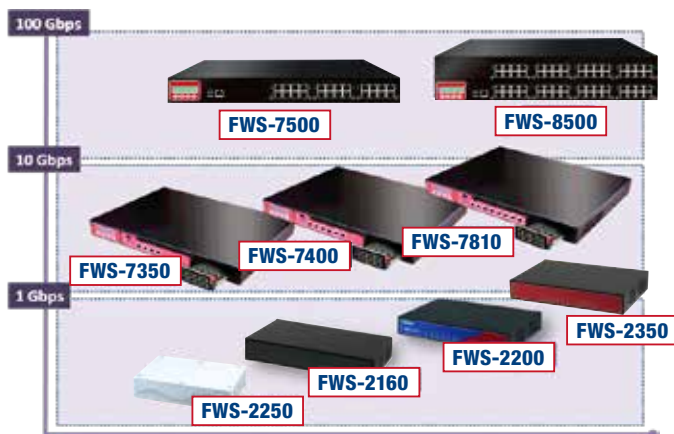
Secure Your Network, Optimize Your Solution



Rackmount and Desktop Network Appliances (FWS Series)

Introduction to the FWS Series

The FWS Series offer enterprise grade 2U rackmount, 1U rackmount and desktop network appliances with a broad selection of processors from the powerful Intel® Xeon®, Core™ i7/ i5/ i3 to the cost efficient Atom™ processors. Designed for scalability and flexible configurations, the FWS Series are reliable systems for demanding network applications. The FWS Series come with various combinations of Ethernet modules including GbE and SFP Fiber LAN, PCI-E Bus expansion slots and LCM with key pad control.



Benefits for FWS Series Customers

Our mission to offer customers complete solutions is supported by our solid engineering expertise, which has helped increase customer profitability and lowering total cost of ownership via detailed optimization of technology services. AAEON is well poised to support customers with a comprehensive solution and ensure that our customers' products are competitive in the Network Security market. AAEON provides faster time-to-market services with close co-development processes with customers, and provides higher flexibility and quality with reliable validation process in place.

Features

Advanced Bypass Function 3.0

AAEON's Advanced Bypass function 3.0 provides fail-safe access ports for any in-line monitoring appliances, such as firewall, WAN optimization, intrusion prevention system (IPS) or UTM, when traffic can no longer flow through the link due to power loss, hardware or software failure. Advanced features include Power Failure Mode, System Failure Mode and Force Bypass Mode (programmable). Being jumper-less in design, AAEON's Bypass function 3.0 is easier to manage and configure.

Network Interface Modules (NIM)

The FWS series are designed with front panel swappable design configurations, giving customers swappable modules offering 10/100/1000Base-TX Ethernet and SFP+ fiber LAN connectivity options.



Swappable Design for Varied Configurations

Selection Guide for FWS Series



Model Name	FWS-8500	FWS-7810	FWS-7811	FWS-7400	FWS-7350
Form Factor	2U Rackmount	1U Rackmount	1U Rackmount	1U Rackmount	1U Rackmount
Processor	Intel® Xeon® E5-2600 Series LGA 2011	Intel® LGA1150 4th Gen Core/ Xeon® Processor	Intel® LGA1150 4th Gen Core™/ Xeon® Processor	Intel® LGA1150 4th Gen Core™ Processor	Intel® C2758/C2558 4 Core™/ 8 Core™ 2.4GHz SoC
Memory	16 x 240-pin RDIMM/UDIMM/ECC DDR4 1333/1600 DIMM up to 128GB	4 x 240-pin Dual Channel ECC DDR3 1333/1600 DIMM up to 32GB	4 x 240-pin Dual channel ECC DDR3 1333/1600 DIMM up to 32GB	2 x 240-pin DDR3(L) 1333/1600 DIMM up to 16GB	240-pin Dual Channel ECC DDR3(L) 1600MHz DIMM slot x 4 up to 64 GB
Storage	Up to 2 SATA HDD (Optional) and CompactFlash™ socket x 1	Up to 5 SATA HDD (Optional)	Up to 5 SATA HDD (Optional) and CompactFlash™ socket x 1 (Optional CFAST™ socket)	Up to 3 SATA HDD (Optional) and CompactFlash™ socket x 1	Up to 5 SATA HDD (Optional) and CompactFlash™ socket x 1
LAN	Based on Network Interface Module, supporting up to 64 Ports	8 Ports onboard Intel® 82574L 10/100/1000Base-TX up to 16 Ports w/ NIM	8 Ports onboard Intel® i211AT 10/100/1000Base-TX up to 16 Ports w/ NIM	6 ports onboard Intel® 82583V (FWS-7400-A10) or Intel® i211 (FWS-7400-B10) up to 14 Ports w/ NIM	4 Ports onboard Marvell 88E1543 PHY 10/100/1000Base-TX up to 12 Ports w/ NIM
Bypass	Up to 16 pairs bypass w/ NIM	Up to 6 pairs bypass w/ NIM	Up to 6 pairs bypass w/ NIM	Up to 6 pairs bypass w/ NIM	Up to 6 pairs bypass w/ NIM
Expansion	Mini-PCI-E x 1, PCI-E [x8] x 2 (Optional)	PCI-E [x8] slot x 1 for NIM, PCI-E [x8] slot x 2 for add-on card (Optional)	PCI-E [x8] slot x 1 for NIM, PCI-E [x8] slot x 2 for add-on card (Optional)	PCI-E [x8] slot x 1 for NIM, PCI-E [x8] slot x 1 for add-on card (Optional)	PCI-E [x8] slot x 1 (w/ [x4] signals) for NIM, PCI-E [x8] slot x 1 ([x8] signals) + PCI-E [x8] slot x 1 (w/ [x4] signals) (Optional)
Console	RJ-45	RJ-45	RJ-45	RJ-45	RJ-45
Power Supply	Flex ATX 650W	Flex ATX 250W	Redundant 275W	Flex ATX 250W	Flex ATX 100W

* NIM: Network Interface Module



Model Name	FWS-7200	FWS-2200	FWS-2160	FWS-2250	FWS-2350
Form Factor	1U Rackmount	Desktop	Desktop	Desktop	Desktop
Processor	Intel® Atom™ D525 Processor	Intel® Atom™ D525 Processor	AMD G-series T24L 1GHz Processor	Intel® Atom™ E3815 Single Core 1.46GHz SoC (up to J1900 Quad Core CPU)	Intel® Atom™ C2358 Dual Core 1.7GHz SoC, C2558 Quad Core CPU for optional
Memory	DDR3 800 SODIMM x 2 up to 4GB	204-pin DDR3 800MHz SODIMM x 2, up to 4 GB	240-pin DDR3 1066MHz DIMM x 2 up to 8GB	204-pin DDR3(L) 1066MHz SODIMM x 1 up to 8GB (up to SODIMM x 2 depends on CPU)	240-pin DDR3 1333/1600MHz DIMM socket x 1 with 16GB, can support DIMM x 2 with 32GB depends on CPU
Storage	Internal 3.5" SATA HDD x 1 or 2.5" SATA HDD x 2 and CompactFlash™ socket x 1	SATA 2 port onboard x 1 2.5" SATA HDD bay x 1 and CompactFlash™ SATA socket x 1	SATA 2 port onboard x 1 (Optional extra 2nd SATA 2 port) 2.5" SATA HDD bay x 1 and CompactFlash™ socket	CompactFlash™ socket x 1 SATA 2 port onboard x 1 (Optional)	Type 2 CompactFlash™ socket (Default) x 1 or CFAST™ (Optional) x 1 2.5" HDD bay x 1 SATA 2 port onboard x 1 SATA 2 port onboard (Optional)
LAN	6 Ports onboard Intel® 82574L 10/100/1000Base-TX	6 Ports Intel® 82574L 10/100/1000Base-TX	6 Ports Realtek RTL8111E-VB-GR 10/100/1000Base-TX	4 Ports Intel® i211AT 10/100/1000Base-TX	8 ports Intel® i211 x 4 (or Intel® i211 x 2) and Marvell 88E1543 x 1
Bypass	Up to 2 pairs bypass	Up to 2 pairs bypass (Optional)	Up to 2 pairs bypass (Optional)	Up to 1 pair bypass (Optional)	Up to 2 pairs bypass (Optional)
Expansion	Mini-PCI slot x 1, PCI slot x 2	Mini-PCI slot x 1	Mini-PCI-E slot x 2	Mini-PCI-E slot x 1 (Optional)	Mini-PCI-E socket x 1 with SIM socket x 1
Console	RS-232	RS-232	RS-232	RJ-45	RJ-45
Power Supply	Flex ATX 150W	60W@12V DC-in Adapter	60W@12V DC-in Adapter	40W@12V DC-in Adapter	60W@12V DC-in Adaptor

Specification is subject to change without notice.

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