



## Fusion A-Series V2

Enterprise-Class Smart Gateway

### Full-featured, Easily-Deployable Smart Gateway

#### Supporting up to 400 simultaneous users

The **FUSION A-Series V2** is a next-generation Gateway that combines the latest technologies and delivers unparalleled performance, efficiency and scalability.

Whether in Wi-Fi hotspots such as hotels, airports, convention centers, MDUs, campuses, or other venues, the **FUSION A-Series** is a dedicated network appliance providing maximum uptime, security and reliability.

#### Six Network Devices in One!

The **FUSION A-Series V2** simplifies your network infrastructure by replacing more than six complicated network components with one easily-managed device! Instead of having a separate Firewall, Web Server, Aggregator/Bonding Appliance, Ad Server, DHCP Server and Authentication Gateway, the versatile **FUSION A-Series V2** does all of this and more!

#### Bandwidth Aggregation & Load Balancing

Combine multiple Internet pipelines to satisfy the ever-increasing bandwidth demand and achieve maximum utilization of each feed with the FUSION Gateway's advanced bandwidth and load balancing mechanism.

#### Manage Your Network Usage

The **FUSION A-Series V2**' local policy enforcement rules can be combined to ensure fairness across all simultaneous users. Policy redirect triggers can isolate excessive users and modify their consumption rates in real-time. Usage quotas (defined by plan offered / selected) ensure bandwidth allocation fairness.

#### Advanced Advertising Engine

Have complete control over each user's web experience with advertising and premium service revenue generation:

- Dynamically-generated web pages for each user. Inject advertising, insert banners, and communicate operator service messages.
- Simplified integration of pre/post authentication captive portal advertising with integrated payload rotation.
- Redirect web requests to custom interstitial advertising templates delivered via the captive portal mechanism

### PRODUCT FEATURES

- Bandwidth Tier Up-Sell
- Load Balancing
- Billing System (PMS/ CC/ Access Codes)
- Content Filtering
- Forced Web Browser Redirection with Captive Portal Web Application
- Advertising Engine
- Bandwidth Management (Throttling/ Management/Shaping/Capping)
- Bandwidth Link/Aggregation
- Failover
- Integrated captive portal
- DHCP/DNS/Radius Server
- Security (Firewall/ Filtering/ DPI/ Spam/ Anti-virus/Intrusion Detection)
- IPSEC VPN Concatenation/
- Integrated CA
- VLAN Support
- Full Spectrum Graphical Instrumentation
- Access Code or Password Credentials
- Forced Acceptance of Brand "Terms and Conditions"



## Fusion A-Series V2

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Hardware Specifications	
CPU Supported	Intel Haswell, Intel I210-AT 3.3 GHz 8 Cores
CPU Max Turbo Frequency	3.7 GHz
Ram	8GB DDR 1333 ECC
SSD Storage	180 GB SSD
SSD Read Latency	50 $\mu$ s
SSD Write Latency	65 $\mu$ s
SSD MTBF	2,000,000 Hours
SSD Random 4 KB Read	75,000 IOPS
LAN Details	4x Gigabit Ethernet LAN ports 1x RJ45 Dedicated IPMI LAN port
Max LAN Ports*	8
Power Supply	260W ATX
Dimensions	16.8" x 14.0" x 1.7"
Weight	11.15 lbs.
Manufacturer Warranty	1 year limited

Other Licensing Limitations (see SUL based licensing)	A200	A300	A400
Default User License (Active Sessions)	200	300	400
Max User License (Active Sessions)	400	400	400
Max VLANs	300	450	600
# of Managed Ips	600	900	1200
# of States	30000	45000	60000
Max Bandwidth (Mbps)	200	300	400
# of Identities	25000	37500	50000
# of Policies	20	30	40
# of Groups	40	60	80
# of Active Authenticated Users	4	6	8
# of Managed Ips	3	3	4

FUSION Series	Height	Width	Depth	Recommended Rack Type
A Series	1U	19"	14"	2 Post