

# SA-250, 360, VM

MANAGEMENT SERVERS



## Product Overview

Specifications	SA-250	SA-360	SA-VM
Product Type	Mojo Standard Appliance	Mojo Premium Appliance	Mojo Virtual Server
Model Number	SA-250	SA-360	SA-VM-50
Power Supply	200W Low Noise AC-DC power supply with PFC	400W 1 + 1 Redundant AC power supply with PFC	VMware image for deployment under vSphere or ESX server.
Mounting	1U Server Rack Mountable	1U Server Rack Mountable	
Dimensions	Height – 1.7" (43mm) Width – 16.8" (426mm) Depth – 14.0" (356mm)	Height – 1.7" (43mm) Width – 16.8" (426mm) Depth – 14.0" (356mm)	
Weight	12.9LBs	21.85LBs	

## Technical Specifications

Specifications	SA-250	SA-360	SA-VM	
			Standard	Premium
Processor	Intel C2Duo E8400 3.0 GHz	Intel Xeon Quad-Core		
E3-1220 3.0 GHz	2 vCPU @ 2.933GHz, Reservation: 5866 MHz	4 vCPU @ 2.933GHz, Reservation: 11732 MHz		
L2 Cache	6 MB	8 MB	Not Applicable	Not Applicable
Memory	4 GB DDR3 1333MHz	16 GB DDR3 1333MHz	4096 MB Reserved	16384 MB Reserved
Hard Disk	500 GB Seagate Constellation ES.2 – SATA	1 + 1 Redundant 300 GB Seagate Savvio 10K.5 SAS Over Hardware		
RAID – Hot Swappable	100 GB			
(Thin Provisioning)	100 GB			
(Thin Provisioning)				
Network	2x 1000BaseT Ethernet	2 + 2 1000BaseT Ethernet	Not Applicable	Not Applicable
Serial	D type 9 pin	D type 9 pin	Not Applicable	Not Applicable
Sizing	300 APs/Sensors Max	1200 APs/Sensors Max	300 APs/Sensors Max	1200 APs/Sensors Max*
Operating System	Centos 6.5 (64-bit)	Centos 6.5 (64-bit)	Centos 6.5 (64-bit)	Centos 6.5 (64-bit)

\*In normal mode this can go upto 5000 APs/Sensors

## Power Consumption and Thermal Specifications (not applicable for SA-VM)

Dual Power	AirTight Server – SA-250				AirTight Server – SA-360			
	Staging	Startup	Idle	Load	Staging	Startup	Idle	Load
Watts	4	93	79.9	104.2	17.9	96.2	68.1	129.6
Amps	0.033333	0.781513	0.671429	0.87563	0.151	0.797	0.562	1.04
kVA	0.004	0.093	0.0799	0.1042	0.0179	0.0962	0.0681	0.1296
BTU/hr	13.64929	317.346	272.6445	355.564	61.07	328.23	232.36	442.20
Test Voltage	120	119	119	119	122.7	122.3	122.6	122.3

## Appearance (not applicable for SA-VM)

Specifications

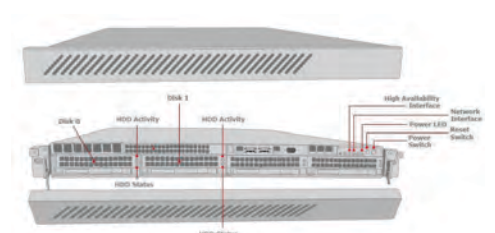
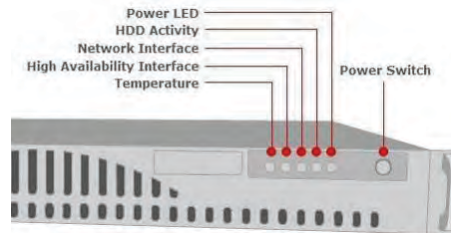
SA-250

SA-360

Appearance

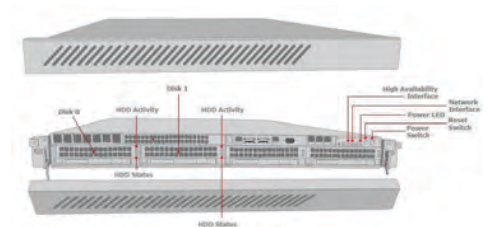


LEDs



RAID HDD Status

Not Applicable



RAID HDD Status  
 Off Normal  
 Red (Steady) Error  
 Red (Blink) RAID Rebuild

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<b>Operating Specifications (not applicable for SA-VM)</b>		
Specifications	SA-250	SA-360
Power Requirement	100 - 240V, 50-60Hz, 3-1.5 Amp	100 - 240V, 50-60Hz, 6.3-3.2 Amp
Temperature	Operating Range: 10°C to 35°C (50°F to 95°F)	
	Non-operating Range: -40°C to +70°C (-40°F to 158°F)	
Humidity	Operating Range: 8% to 90% non-condensing	
	Non-operating Range: 5% to 95% non-condensing	

<b>Safety and EMC Certification (not applicable for SA-VM)</b>				
Countries covered with Safety and EMC Certification				
USA	Canada	Europe	South Korea	India
Malaysia	Singapore	Thailand	Hong Kong	Brazil
Argentina	Belarus	Colombia	Croatia	Indonesia
Israel	Kenya	Pakistan	Saudi Arabia	Serbia
South Africa	Turkey	Ukraine	United Arab Emirates	Uruguay

<b>VM Sizing Specifications (not applicable for SA-250, SA-360)</b>					
<b>Normal Mode</b>					
# of APs	100	500	1000	2500	5000
vCPU	2	2	2	3	4
CPU Clock	3GHz	3GHz	3GHz	3GHz	3GHz
Memory	2GB	3GB	4GB	8GB	16GB
Disk Space	40GB	40GB	100GB	100GB	100GB

<b>Full Security Mode</b>					
# of APs	100	500	1000		
vCPU	2	3	4		
CPU Clock	3GHz	3GHz	3GHz		
Memory	2GB	8GB	16GB		
Disk Space	40GB	40GB	100GB		