

SA250 and SA2000



SA250



SA2000

Meru hardware platform for software

Flexible Appliances for Network Management and BYOD

The Meru SA250 and SA2000 Services Appliances provide a hardware platform for Meru Center and Wireless Intrusion Prevention System (WIPS) and PCI Compliance Manager. The SA250 is designed for small enterprises, and the SA2000 is designed for medium to large enterprises. The services appliances support the following applications:

- **Meru Center** – A wireless application platform to help IT build a more agile and open network. It unifies network applications under one platform and permits easy activation of pre-installed network tools. It also monitors network vitality and supports multiple applications from one place (SA2000 only).
- **Meru Network Manager*** – Provides wireless performance dashboards, RF visualization, centralized monitoring, configuration, fault management, visibility over long-term trends, and centralized reporting.
- **Service Assurance Manager*** – Delivers end-to-end service assurance for the network and its applications.
- **Spectrum Manager*** – Detects and identifies both Wi-Fi and non-Wi-Fi interference on all channels all the time.
- **Meru Connect*** – Simplifies secure guest access and device provisioning for any client on any vendor’s network.
- **Wireless Intrusion Prevention System (WIPS)** – Detects wireless intrusions with predefined and custom signatures on an integrated platform with other WLAN management applications (SA2000 only).
- **PCI Compliance Manager** – Audits and verifies WLAN security to ensure PCI compliance (SA2000 only).

Features	Benefits
Hardware platform for a wide range of Meru wireless network management, security, and BYOD applications	Deliver comprehensive WLAN management
Embedded relational database	Provision devices and guest users for wired and wireless network access
Choice of appliances to fit your business needs	Protect the wireless network and aid in compliance
Scales to meet the needs of your business	Delivers reporting and historical visibility

* Part of Meru Center solution

Technical Specifications

SA250

Target Deployment
Small enterprises

Maximum Number of Controllers Supported for E(z)RF Network Manager
10

Power Supply
One 12V, 3.75A AC/DC adapter included

Hard Disk
250 GB (non-RAID)
Interfaces
2 x 10/100/1000BASE-T Ethernet (RJ45)
1 x serial console (RJ45)

Mounting
Desktop mount
1U rack mount

Dimensions
1.73" height x 10.70" width x 7.68" depth
(4.4 cm height x 27.2 cm width x 19.5 cm depth)

Weight
4.4 lbs (2.0 kg)

Environmental
Operating temperature: 0°C to 40°C (32°F to 104°F)
Operating relative humidity: 10% to 95% (non-condensing)
Non-operating temperature: -20°C to 70°C (-4°F to 158°F)
Non-operating relative humidity: 10% to 95% (non-condensing)

Consumed power [W]
48.62W
Voltage [V]
100~240VAC
Frequency
50~60Hz

Current [A]
0.804A @110V, 0.514A@220V
Heat dissipation [BTU/h]
166 BTU/hr
MTBF
64789 hrs @40C

SA2000

Target Deployment
Medium to large enterprises

Maximum Number of Controllers Supported for E(z)RF Network Manager
250

Power Supply
Dual hot-swappable 275W PSU

Hard Disk
RAID sub-system with replaceable hard disks, 500 GB each

Interfaces
4 x 10/100/1000BASE-T Ethernet (RJ45)
1 x serial console (RJ45)

Mounting
1U rack mount

Dimensions
1.74" height x 16.97" width x 16.49" depth
(4.45 cm height x 43.1 cm width x 41.88 cm depth)

Weight
18.1 lbs (8.2 kg)

Environmental
Operating temperature: 0°C to 40°C (32°F to 104°F)
Non-operating temperature: -40°C to 85°C (-40°F to 185°F)
Operating relative humidity: 5% to 95% (non-condensing)
Non-operating relative humidity: 5% to 95% (non-condensing)

Consumed power [W]
187W

Voltage [V]
100~240VAC

Frequency
50~60Hz

Current [A]
1.79A @110V, 0.95A @220V

Heat dissipation [BTU/h]
638 BTU/hr

MTBF
48205 hrs @40C

SA250 Regulatory Approval

FCC part 15B Class B - USA
UL 60950-1 - USA
CSA C22.2 No. 60950-1-07 - Canada
EN 60950-1 - EU
IEC 60950-1 - International
ICES-003 Class B - Canada
EN55022 Class B - EU
EN55024 - EU
VCCI Class B - Japan

SA2000 Regulatory Approval

FCC part 15B Class A - USA
UL 60950-1 - USA
CSA C22.2 No. 60950-1-07 - Canada
EN 60950-1 - EU
IEC 60950-1 - International
ICES-003 Class A - Canada
EN55022 Class A - EU
EN55024 - EU
VCCI Class A - Japan

Environmental Compliance (Both Models)

RoHS Compliant
REACH Compliant
WEEE Compliant

Standard Warranty
One year (both models)

PART NUMBERS

SA250
SA250 Services Appliance

SA2000
SA2000 Services Appliance

SA250-IDM
SA250 Services Appliance for Meru Connect

SA2000-IDM
SA2000 Services Appliance for Meru Connect

SA2000-MC
SA2000 Service Appliance for Meru Center

SA2000-MC-VE
Virtual image for Meru Center



Meru delivers an all-wireless network that fully supports the enterprise, delivering a consistent, interactive experience for all users. No matter what applications they are running. No matter how many other users are on the network. For more information, visit www.merunetworks.com or email your questions to: meruinfo@merunetworks.com.

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