











Brocade Mobility Product Line Matrix




BROCADE

SINGLE RADIO APs	650	650	6511
			
Radios	802.11a/b/g/n	802.11a/b/g/n	802.11a/b/g/n
Bands	2.4GHz/5.0 GHz	2.4GHz/5.0 GHz	2.4GHz/5.0 GHz
Interfaces	1 x 10/100/1000 Base-T	1 x 10/100/1000 Base-T	1 x 10/100/1000 Base-T
POE/POE+ compliance	802.3af/at	802.3af/at	802.3af/at
Max. PHY data rate	300 Mbps	300 Mbps	300 Mbps
Concurrent clients	127	127	127
Antennas	Internal	Six RP-SMA	Internal
Encryption	WEP; WPA-TKIP; WPA2-TKIP; WPA2-CCMP; 802.11i; Multi-Cipher	WEP; WPA-TKIP; WPA2-TKIP; WPA2-CCMP; 802.11i; Multi-Cipher	WEP; WPA-TKIP; WPA2-TKIP; WPA2-CCMP; 802.11i; Multi-Cipher
VPN Gateway	DES, 3DES, AES-128/256	DES, 3DES, AES-128/256	DES, 3DES, AES-128/256
Stateful Firewall	Stateful wireless firewall; ACLs	Stateful wireless firewall; ACLs	Stateful wireless firewall; ACLs
Rogue detection, WIPS	Yes	Yes	Yes
Guest Access	Yes	Yes	Yes
Deployment Mode	Dependent	Dependent	Standalone/Adaptive
Local Forwarding	v5.1	v5.1	v5.1
Mounting	ceiling/ wall	ceiling/wall	wall/structured wiring telecom box
Management	SSH, HTTP/S, MIB, SNMP v1/v2c/v3 traps	SSH, HTTP/S, MIB, SNMP v1/v2c/v3 traps	SSH, HTTP/S, MIB, SNMP v1/v2c/v3 traps

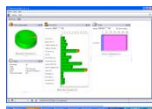
DUAL RADIO APs	650	650	7131
			
Radios	802.11a/b/g/n	802.11a/b/g/n	802.11a/b/g/n
Bands	2.4GHz/5.0 GHz	2.4GHz/5.0 GHz	2.4GHz/5.0 GHz
Interfaces	1 x 10/100/1000 Base-T	1 x 10/100/1000 Base-T	2 x 10/100/1000 Base-T
POE/POE+ compliance	802.3af/at	802.3af/at	802.3af/at
Max. PHY data rate	600 Mbps	600 Mbps	600 Mbps
Concurrent clients	256	256	256
Antennas	Internal	Six RP-SMA	Internal
Encryption	WEP; WPA-TKIP; WPA2-TKIP; WPA2-CCMP; 802.11i; Multi-Cipher	WEP; WPA-TKIP; WPA2-TKIP; WPA2-CCMP; 802.11i; Multi-Cipher	WEP; WPA-TKIP; WPA2-TKIP; WPA2-CCMP; 802.11i; Multi-Cipher
VPN Gateway	DES, 3DES, AES-128/256	DES, 3DES, AES-128/256	DES, 3DES, AES-128/256
Stateful Firewall	Stateful wireless firewall; ACLs	Stateful wireless firewall; ACLs	Stateful wireless firewall; ACLs
Rogue detection, WIPS	Yes	Yes	Yes
Guest Access	Yes	Yes	Yes
Deployment Mode	Dependent	Dependent	Standalone/Adaptive
Local Forwarding	v5.1	v5.1	Yes
Optional AC Power	No	No	Yes
Mounting	ceiling/ wall	ceiling/wall	ceiling/wall
Management	SSH, HTTP/S, MIB, SNMP v1/v2c/v3 traps	SSH, HTTP/S, MIB, SNMP v1/v2c/v3 traps	SSH, HTTP/S, MIB, SNMP v1/v2c/v3 traps

DUAL RADIO APs	7131	7131N	7131N
			
Radios	802.11a/b/g/n	802.11a/b/g/n	802.11a/b/g/n
Bands	2.4GHz/5.0 GHz	2.4GHz/5.0 GHz	2.4GHz/5.0 GHz
Interfaces	2 x 10/100/1000 Base-T	2 x 10/100/1000 Base-T	2 x 10/100/1000 Base-T
POE/POE+ compliance	802.3af/at	802.3af/at	802.3af/at
Max. PHY data rate	600 Mbps	600 Mbps	600 Mbps
Concurrent clients	256	256	256
Antennas	Six RP-SMA	Internal	Six RP-SMA
Encryption	WEP; WPA-TKIP; WPA2-TKIP; WPA2-CCMP; 802.11i; Multi-Cipher	WEP; WPA-TKIP; WPA2-TKIP; WPA2-CCMP; 802.11i; Multi-Cipher	WEP; WPA-TKIP; WPA2-TKIP; WPA2-CCMP; 802.11i; Multi-Cipher
VPN Gateway	DES, 3DES, AES-128/256	DES, 3DES, AES-128/256	DES, 3DES, AES-128/256
Stateful Firewall	Stateful wireless firewall; ACLs	Stateful wireless firewall; ACLs	Stateful wireless firewall; ACLs
Rogue detection,WIPS	Yes	Yes	Yes
Guest Access	Yes	Yes	Yes
Deployment Mode	Standalone/Adaptive	Standalone/Adaptive	Standalone/Adaptive
Local Forwarding	Yes	Yes	Yes
WWAN Connectivity	No	Yes	Yes
Optional AC Power	Yes	Yes	Yes
Mounting	ceiling/wall	ceiling/wall	ceiling/wall
Management	SSH, HTTP/S, MIB, SNMP v1/v2c/v3 traps	SSH, HTTP/S, MIB, SNMP v1/v2c/v3 traps	SSH, HTTP/S, MIB, SNMP v1/v2c/v3 traps




TRI RADIO APs	7131	7131
		
Radios	802.11a/b/g/n	802.11a/b/g/n
Bands	2.4GHz/5.0 GHz	2.4GHz/5.0 GHz
Interfaces	2 x 10/100/1000 Base-T	2 x 10/100/1000 Base-T
POE/POE+ compliance	802.3af/at	802.3af/at
Max. PHY data rate	600 Mbps	600 Mbps
Concurrent clients	256	256
Antennas	Internal	Six RP-SMA
Encryption	WEP; WPA-TKIP; WPA2-TKIP; WPA2-CCMP; 802.11i; Multi-Cipher	WEP; WPA-TKIP; WPA2-TKIP; WPA2-CCMP; 802.11i; Multi-Cipher
VPN Gateway	DES, 3DES, AES-128/256	DES, 3DES, AES-128/256
Stateful Firewall	Stateful wireless firewall; ACLs	Stateful wireless firewall; ACLs
Rogue detection,WIPS	Yes	Yes
Guest Access	Yes	Yes
Deployment Mode	Standalone/Adaptive	Standalone/Adaptive
Local Forwarding	Yes	Yes
Optional AC Power	Yes	Yes
Mounting	ceiling/wall	ceiling/wall
Management	SSH, HTTP/S, MIB, SNMP v1/v2c/v3 traps	SSH, HTTP/S, MIB, SNMP v1/v2c/v3 traps

WLAN CONTROLLERS	RFS4000	RFS6000	RFS7000
			
Interfaces	Five auto-sensing 10/100/1000 Base-T Ethernet; 802.af/at, One uplink port: 10/100/1000 Ethernet, One RJ-45 console serial port	Eight auto-sensing 10/100/1000 Base-T Ethernet; 802.af/at, One uplink port: 10/100/1000 Ethernet, RJ-45 console serial port	Four 10/100/1000 Ethernet interfaces One 10/100 management port (OOB) RJ-45 console serial port
High Availability Clustering	Active:Active, Active/Standby, AP license sharing	Active:Active, Active/Standby, AP license sharing	Active:Active, Active/Standby, AP license sharing
APs per controller	36	256	1024
APs per cluster	72	3072	12,288
Concurrent Clients per controller	500	2,000	8,000
Concurrent Clients per cluster	5,000	20,000	96,000
VLAN per controller	24	32	256
Encryption	WEP; WPA-TKIP; WPA2-TKIP; WPA2-CCMP; 802.11i; Multi-Cipher	WEP; WPA-TKIP; WPA2-TKIP; WPA2-CCMP; 802.11i; Multi-Cipher	WEP; WPA-TKIP; WPA2-TKIP; WPA2-CCMP; 802.11i; Multi-Cipher
VPN Gateway	DES, 3DES, AES-128, AES-256	DES, 3DES, AES-128, AES-256	DES, 3DES, AES-128, AES-256
Stateful Firewall	Stateful wireless firewall; ACLs	Stateful wireless firewall; ACLs	Stateful wireless firewall; ACLs
Rogue detection, dedicated scanning, wireless IPS, onboard IDS	yes	yes	yes
Guest Access/ Captive Portal	yes	yes	yes
Smart RF	Dynamic channel and power adjustments	Dynamic channel and power adjustments	Dynamic channel and power adjustments
Mesh	Standalone; adaptive; self-healing; Layer 2 wired to mesh failover	Standalone; adaptive; self-healing; Layer 2 wired to mesh failover	Standalone; adaptive; self-healing; Layer 2 wired to mesh failover
3G WWAN	Expresscard slot for 3G WWAN backhaul	Expresscard slot for 3G WWAN backhaul	
Deployment Mode	Plug-and-play over Layer 2/3	Plug-and-play over Layer 2/3	Plug-and-play over Layer 2/3
Distributed Forwarding	Non-blocking, high-performance 802.11n architecture	Non-blocking, high-performance 802.11n architecture	Non-blocking, high-performance 802.11n architecture
Mounting	Optional 1U rack mount kit	1U rack mount	1U rack mount
Management	SSH, HTTP/S, MIB, SNMP v1/v2c/v3 traps	SSH, HTTP/S, MIB, SNMP v1/v2c/v3 traps	SSH, HTTP/S, MIB, SNMP v1/v2c/v3 traps

BROCADE NETWORK ADVISOR



Device Management	Unified network management of Storage Area Network (SAN), IP (including Ethernet fabrics), and wireless environments
Flexible reporting	Powerful and flexible reporting framework with predefined asset reports
Event management with automated Call Home	Collects diagnostic information in response to predefined and user-defined events, and sends notifications
Traffic analysis with sFlow	Trend analysis, management, and monitoring tools for sFlow reporting, accounting, and presentation for all IP devices
Device Configuration Manager	Configure VLANs within the network, manage wireless Access Point (AP) realms, group Wireless LAN (WLAN) switches into domains for Layer 3 mobility support, or execute CLI commands on specific devices or groups of devices.
Change Manager	Tracks device configuration changes, enabling viewing, retrieval, and restoration of configuration files, and monitoring of configuration drift for troubleshooting purposes
Platform	32-/64-BIT Windows and Linux systems

AIR DEFENSE	AirDefense 1252	AirDefense 3652	AirDefense 4250
			
Processor	AirDefense 1252: Intel Pentium 4 3.4 GHz Processor with 2 MB shared L2 cache and 800 MHz FSB	AirDefense 3652: Intel 2.13GHz Core2 Duo Processor 2 MB shared L2 cache and 1066 MHz FSB	AirDefense 4250: Intel 2.33GHz Xeon 5140 Dual-Core Processor with 4 MB shared L2 cache and 1333 MHz FSB
Memory	1 MB RAM, Error Correcting Code DDR2	4 MB RAM, Error Correcting Code DDR2	8 MB RAM, Error Correcting Code DDR2
Storage Capacity (Seagate SV35 Series with 1,000,000 hour MTBF)	One 250 GB 7200 RPM Serial ATA hard drive	Two 250 GB 7200 RPM Serial ATA hard drives in RAID 1 configurations	Two 500 GB 7200 RPM Serial ATA hard drives in RAID configurations
Interfaces	Stacked PS/2 ports for keyboard and mouse RJ45 NIC connector for 10/100/1000 Mb connections Video connector	Stacked PS/2 ports for keyboard and mouse RJ45 NIC connector for 10/100/1000 Mb connections Video connector	Stacked PS/2 ports for keyboard and mouse RJ45 NIC connector for 10/100/1000 Mb connections Video connector
Comprehensive Intrusion Detection	yes	yes	yes
Automated Protection	yes	yes	yes
Eliminate Rogue Devices From Connecting To The Network	yes	yes	yes
Comply with Enterprise and Regulatory Policies	Compliance reports for the Payment Card Industry (PCI) standard, Sarbanes-Oxley (SOX), HIPAA, GLBA, and the Department of Defense 8100.2 Directive	Compliance reports for the Payment Card Industry (PCI) standard, Sarbanes-Oxley (SOX), HIPAA, GLBA, and the Department of Defense 8100.2 Directive	Compliance reports for the Payment Card Industry (PCI) standard, Sarbanes-Oxley (SOX), HIPAA, GLBA, and the Department of Defense 8100.2 Directive
Investigate Incidents with Forensic Data	Stores 325 data points per wireless device, per connection, per minute including channel activity, signal characteristics, device activity, and traffic flow compromised	Stores 325 data points per wireless device, per connection, per minute including channel activity, signal characteristics, device activity, and traffic flow compromised	Stores 325 data points per wireless device, per connection, per minute including channel activity, signal characteristics, device activity, and traffic flow compromised
Location Tracking	Locate devices within imported floor plans	Locate devices within imported floor plans	Locate devices within imported floor plans
Troubleshoot Network Performance	Real-time streaming view of all WLAN traffic from devices, BSSIDs, and channels; remote frame captures, authentication errors, AP configuration issues, and network interference	Real-time streaming view of all WLAN traffic from devices, BSSIDs, and channels including remote frame captures, authentication errors, AP configuration issues, and network interference	Real-time streaming view of all WLAN traffic from devices, BSSIDs, and channels including remote frame captures, authentication errors, AP configuration issues, and network interference
Advanced troubleshooting, spectrum analysis, forensic analysis, dynamic RF assessment, centralized management console and WEP cloaking licenses	yes	yes	yes

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