Meraki MX-64

100% Cloud Managed Networking and Security

communication**service**solutions

Hardware

➜ Stateful firewall throughput: 250 Mbps
➜ Recommended maximum clients: 50
➜ Small form factor

Cloud-based centralized management

➜ Managed centrally over the web
➜ Classifies applications, users and devices
➜ Zero-touch, self-provisioning deployments

Networking and security

➜ Stateful firewall
➜ Auto VPN™ self-configuring site-to-site VPN
➜ Active Directory integration
➜ Identity-based policies
➜ Client VPN (IPsec)
➜ 3G / 4G failover via USB modem

Traffic shaping and application management

➜ Layer 7 application visibility and traffic shaping
➜ Application prioritization

MX-64

➜ **Network and Security Services**
   • Stateful firewall, 1:1 NAT, DHCP, DMZ, static routing
   • Identity-based policies
   • Auto VPN™ self-configuring site-to-site VPN
   • Client VPN (IPsec)
   • User and device quarantine
   • VLAN support and DHCP services

➜ **Advanced Security Services**
   • Content filtering (Webroot BrightCloud CIPA-compliant URL database)
   • Web search filtering (including Google and Bing SafeSearch)
   • YouTube for Schools
   • Intrusion prevention (SourceFire Snort based)
   • Antivirus and antiphishing filtering (Kaspersky SafeStream II engine)
   • Requires Advanced Security License

➜ **WAN Performance Management**
   • WAN link aggregation
   • Application level (Layer 7) traffic analysis and shaping
   • Automatic Layer 3 failover (including VPN connections)
   • WAN uplink selection based on traffic type

➜ **Monitoring and Management**
   • Web based management and configuration
   • Throughput, connectivity monitoring and alerts
   • Network asset discovery and user identification
   • Built-in network-wide reporting, monitoring and alerts
   • Centralized policy management
   • Real-time diagnostic and troubleshooting over the web
   • Automatic firmware upgrades and security patches
   • Searchable network-wide event logs

➜ **Interfaces**
   • WAN: 1 × 1 GbE
   • LAN: 4 × 1 GbE (1 optionally available for WAN connectivity)
   • USB: 1 × USB 2.0 for 3G/4G failover (supported devices)

➜ **Performance**
   • Stateful firewall throughput: 250 Mbps
   • VPN throughput: 100 Mbps
   • Recommended for small branches (up to 50 users)

➜ **Power**
   • Single 18W power supply

➜ **Environment**
   • Operating temperature: 32°F to 104°F (0°C to 40°C)
   • Humidity: 5 to 95% non-condensing

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