

## Meraki Wi-Fi Equipment Available Under E-Rate

E-Rate funding is how schools and libraries are able to improve their networking infrastructure by investing in new technology. Meraki gives schools and libraries a way to maximize the benefits that they receive from E-Rate funding. Meraki provides cloud-managed security appliances, switches, and access points that are easy to configure, deploy, and troubleshoot. Meraki products allow your school to focus on learning technologies rather than network maintenance.

### switches

Meraki switches combine the cloud-managed dashboard with enterprise-grade hardware giving you simplicity with next-gen networking.

#### Recommended for Campus Deployments:

##### MS250

- Dynamic Layer 3 routing
- 24 and 48 x 1G port models
- 4 x 10G SFP+ uplinks
- PoE+ support available
- 80 Gbps of physical stacking
- Modular power supply
- Recommended for medium campus deployments

##### MS225

- 24 and 48 x 1G port models
- 4 x 10G SFP+ uplinks
- PoE+ support available
- 80 Gbps of physical stacking
- Support for redundant power using RPS2300
- Stacks with MS210
- Recommended for branch and small campus deployments

##### MS250

- 24 and 48 x 1G port models
- 4 x 10G SFP+ uplinks
- PoE+ support available
- 80 Gbps of physical stacking
- Support for redundant power using RPS2300
- Stacks with MS225
- Recommended for branch and small campus deployments

### security appliances

Meraki Security Appliances provide comprehensive security in one appliance. A single box provides firewall, intrusion prevention, content filtering, VPN, malware protection, and high availability.

#### Recommended for Campus Deployments:

##### MX450

###### Interfaces

- WAN: 2 x 10 GbE SFP+, 1 x USB (cellular failover)
- LAN: 8 x GbE, 8 x GbE (SFP), 8 x 10GbE (SFP+)

###### Firewall Throughput

- 6 Gbps

###### VPN Throughput

- 2 Gbps

###### Recommended Clients

- 10,000

##### MX250

###### Interfaces

- WAN: 2 x 10 GbE SFP+, 1 x USB (cellular failover)
- LAN: 8 x GbE, 8 x GbE (SFP), 8 x 10GbE (SFP+)

###### Firewall Throughput

- 4 Gbps

###### VPN Throughput

- 1 Gbps

###### Recommended Clients

- 2,000

## wireless

Meraki Wireless products deliver future-proof wireless with unmatched visibility and high-efficiency.

### Recommended for Classroom Deployments:

#### MR53E

- High-Density Coverage
- 4x4:4-stream MU-MIMO
- Multigigabit and external antenna connectors
- Recommended for focused coverage and flexibility

#### MR53

- High-Density Coverage
- 4x4:4-stream MU-MIMO
- Multigigabit
- Recommended for general coverage

#### MR52

- High-Density Coverage
- 4x4:4-stream MU-MIMO
- Multigigabit
- Recommended for general coverage

#### MR42E

- General Purpose Wireless
- 3x3:3-stream MU-MIMO
- External antenna connectors
- Recommended for focused coverage and flexibility

#### MR42

- General Purpose Wireless
- 3x3:3-stream MU-MIMO
- External antenna connectors
- Recommended for general coverage

#### MR33

- General Purpose Wireless
- 2x2:2-stream MU-MIMO
- External antenna connectors
- Recommended for general, medium-density coverage

#### MR30H

- Basic Coverage
- 2x2:2-stream MU-MIMO
- Integrated 4 port gigabit switch
- Recommended for hospitality and in-room coverage

#### MR20

- Basic Coverage
- 2x2:2-stream MU-MIMO
- Recommended for entry-level, medium-density coverage



**peters & associates** + **Meraki**  
simplify solve succeed

Peters and Associates provide unmatched E-Rate expertise. Our Cisco partnership includes the ability to procure, install, and manage all Meraki equipment. We offer full IT infrastructure assessments to show you how we can help your school take advantage of E-Rate funding. Take a look at our education page to see our experience and expertise in the education arena.

**Learn more about IT for education**

<https://www.peters.com/education>