

Enterprise Wi-Fi Comparison Guide



Fortinet 221E



Meraki MR28



Meraki MR36



Meraki MR44



Meraki MR76

	Fortinet 221E	Meraki MR28	Meraki MR36	Meraki MR44	Meraki MR76
Usage	General Purpose	General Purpose	Medium Density	High Density	Outdoor Medium Density
Generation	Wi-Fi 5	Wi-Fi 6	Wi-Fi 6	Wi-Fi 6	Wi-Fi 6
Radios	2x2:2 MU-MIMO Wave 2 (802.11ac)	2x2:2 MU-MIMO + OFDMA (802.11ax)	2x2:2 MU-MIMO + OFDMA (802.11ax)	2x2:2 (2.4GHz) + 4x4:4 (5GHz) MU-MIMO + OFDMA (802.11ax)	2x2:2 MU-MIMO + OFDMA (802.11ax)
Radio Frequencies	2.4 and 5 GHz	2.4 and 5 GHz	2.4 and 5 GHz	2.4 and 5 GHz	2.4 and 5 GHz
Antenna	Internal	Internal	Internal	Internal	External
Data Rate	1.2 Gbps	1.5 Gbps	1.7 Gbps	3 Gbps	1.7 Gbps
Power	IEEE 802.3af (12.9W max)	IEEE 803.3af (15W max)	IEEE 803.3af (15W max)	IEEE 802.3at (30W max) or 802.3af (15W max) low power mode	IEEE 803.3af (15W max)
Management	Cloud managed	Cloud managed	Cloud managed	Cloud managed	Cloud managed
Authentication	WPA, WPA2 & WPA3 with 802.1x or preshared key, WEP, Web Captive Portal, MAC blacklist & allowlist	WEP, WPA, WPA2-PSK, WPA2-Enterprise with 802.1X, WPA3 - Personal, WPA3 - Enterprise, WPA3 - Enhanced Open (OWE)	WEP, WPA, WPA2-PSK, WPA2-Enterprise with 802.1X, WPA3 - Personal, WPA3 - Enterprise, WPA3 - Enhanced Open (OWE)	WEP, WPA, WPA2-PSK, WPA2-Enterprise with 802.1X, WPA3 - Personal, WPA3 - Enterprise, WPA3 - Enhanced Open (OWE)	WEP, WPA, WPA2-PSK, WPA2-Enterprise with 802.1X, WPA3 - Personal, WPA3 - Enterprise, WPA3 - Enhanced Open (OWE)
Security Radio	Integrated Radio	N/A	Dedicated Radio	Dedicated Radio	Dedicated Radio
Firewall		✓	✓	✓	✓
Guest Segmentation	✓	✓	✓	✓	✓
Location Analytics		✓	✓	✓	✓
RF Optimization		✓	✓	✓	✓
Bluetooth	✓	✓	✓	✓	✓
Traffic Shaping		✓	✓	✓	✓
Air Marshall		✓	✓	✓	✓
Mesh	✓	✓	✓	✓	✓
Self Config		✓	✓	✓	✓