MR36, MR46, and MR56

Overview

MR36, MR46, and MR56 provide a set of Wi-Fi 6 access point options for indoor high-density wireless environments. MR46 and MR56 have the same form factor and capabilities as MR45 and MR55, such as MU-MIMO and OFDMA, but add MU-MIMO and OFDMA in the uplink direction. UL-MU-MIMO and UL-OFDMA are key features for high-density environments with heavy uplink traffic, such as VoIP-heavy enterprise HQ's, event spaces, lecture halls, and stadiums.

The MR36 is the first 2x2 Wi-Fi 6 model in the Cisco portfolio, providing Wi-Fi 6 for high-volume deployments, with an eye on value.

Use Cases

Position these models for high-density wireless networks where the highest levels of performance and reliability are required.

Large-scale deployments
- MR36 offers value-priced Wi-Fi 6
- Ideal for multilocation operations
- 100% cloud-managed for simple deployment, management, and troubleshooting

Hi-density, future-proof deployments
- Serve >100+ clients per AP (MR46/MR56)
- Target Wake Time (TWT) prolongs battery life of Wi-FI 6 clients up to 3X
- MU-MIMO (UL/DL) & OFDMA (UL/DL) to send and receive traffic from many clients at once, at high speeds

Model Details

MR36	MR46	MR56
• Wi-Fi 6 (802.11ax) • 2 Tx/Rx antennas • 2 spatial streams • 802.3af PoE • High density environments	• Wi-Fi 6 (802.11ax) • 4 Tx/Rx antennas • 4 spatial streams • 802.3at PoE • High density, high performance environments	• Wi-Fi 6 (802.11ax) • 8 Tx/Rx antennas • 8 spatial streams • 802.3at PoE • Ultra high density, ultra high performance environments
$849 List Price	*$1,449 List Price*	*$1,849 List Price*