

Asteraix Access Point Feature Comparison

Product datasheet

Wi-Fi 7 Access Point

Model Number	AP7330	AP7360	AP7020F	AP7341E
Product Image				
Description	802.11be, 9.3 Gbps data rate, tri-band 6-stream, 1 × 2.5G WAN, 1 × 2.5G LAN, 1 × 10G SFP, built-in omnidirectional antennas, indoor ceiling-mount type.	802.11be, 18 Gbps data rate, tri-band 12-stream, 1 × 10G WAN, 1 × 2.5G LAN, 1 × 10G SFP, built-in omnidirectional antennas, indoor ceiling-mount type.	802.11be, 3.6 Gbps data rate, dual-band 4-stream (2.4 GHz & 5 GHz), 1 × XGSPON, 4 × 1G LAN, built-in omnidirectional antennas, indoor ceiling-mount type.	802.11be, 9.8 Gbps data rate, tri-band 8-stream (2.4 GHz, 5 GHz, and 6 GHz), 1 × 10G WAN, 1 × 10G SFP, external omnidirectional antennas, outdoor type, optional built-in GPS.
Wi-Fi protocol	802.11a/b/g/n/ac/ax/be	802.11a/b/g/n/ac/ax/be	802.11a/b/g/n/ac/ax/be	802.11a/b/g/n/ac/ax/be
Ports	1 * 2500Mbps WAN 1 * 2500Mbps LAN 1 * 10G SFP+	1 * 10Gbps WAN 1 * 2500Mbps LAN 1 * 10G SFP+	1 * XGSPON 4 * 1000Mbps LAN 1 * USB serial	1 * 10Gbps WAN 1 * 10G SFP+
Max Data Rate	9.3Gbps	18Gbps	3.6Gbps	9.8Gbps
Spatial Streams	2x2 (2.4GHz); 2x2 (5GHz); 2x2 (6GHz)	4x4 (2.4GHz); 4x4 (5GHz); 4x4 (6GHz)	2x2 (2.4GHz); 2x2 (5GHz)	4x4 (2.4GHz); 2x2 (5GHz); 2x2 (6GHz)
Channel Width	20/40/80/160/320 MHz	20/40/80/160/320 MHz	20/40/80/160MHz	20/40/80/160/320 MHz
Multiple SSIDs	8 (2.4G) + 8 (5.1G) + 8 (6G)	8 (2.4G) + 8 (5.1G) + 8 (6G)	8 (2.4G) + 8 (5G)	8 (2.4G) + 8 (5.1G) + 8 (6G)
Power	DC2.0 12V 3A, PoE 802.3bt	PoE 802.3bt, DC2.0 54V/1A	DC2.0 12V/2A , PoF 48V , DC 48V 1A	PoE 802.3bt, DC2.0 54V/1A
Antenna gain	2.4GHz : 2x1.7dBi 5GHz : 2x4dBi 6Ghz : 2x4dBi	2.4GHz : 4x1.7dBi 5GHz : 4x4dBi 6Ghz : 4x4dBi	2.4GHz : 2x4dBi 5GHz : 2x4dBi	2.4GHz : 4x6dBi 5GHz : 2x6dBi 6Ghz : 2x6dBi
Dimensions (H*W*D)	208mm*208mm*46mm	220mm*220mm*42mm	190mm*190mm*50mm	243.2mm*218.3mm*68.3mm
Installation	ceiling-mounted	ceiling-mounted	ceiling-mounted	outdoor
Operating Temperature	-10°C to 55°C	-10°C to 55°C	-10°C to 55°C	-40°C to 70°C
Energy consumption	< 36W	< 60W	< 16W	< 54W
Storage temperature	-40°C to 70°C	-40°C to 70°C	-40°C to 70°C	-40°C to 70°C

All APs support Asteraix’s OpenWIFI Enterprise Edition.

Asteraix Access Point Feature Comparison

Product datasheet

Wi-Fi 6E Access Point

Model Number	AP6240	AP6241E
Product Image		
Description	802.11ax, 8.2 Gbps data rate, tri-band 8-stream, 1 × 2.5G WAN, 1 × 1G LAN, built-in omnidirectional antennas, indoor ceiling-mount type, Wi-Fi 6E	802.11ax, 8.2 Gbps data rate, tri-band 8-stream, 1 × 2.5G WAN, 1 × 1G LAN, external omnidirectional antennas, outdoor type, optional built-in GPS, Wi-Fi 6E
Wi-Fi protocol	802.11a/b/g/n/ac/ax	802.11a/b/g/n/ac/ax
Ports	1 * 2500Mbps WAN 1 * 1000Mbps LAN	1 * 2500Mbps WAN 1 * 1000Mbps LAN
Max Data Rate	8.2Gbps	8.2Gbps
Spatial Streams	2x2 (2.4GHz); 4x4 (5GHz); 2x2 (6GHz)	2x2 (2.4GHz); 4x4 (5GHz); 2x2 (6GHz)
Channel Width	20/40/80/160MHz	20/40/80/160 MHz
Multiple SSIDs	8 (2.4G) + 8 (5.1G) + 8 (6G)	8 (2.4G) + 8 (5.1G) + 8 (6G)
Power	DC2.0 12V 3A, PoE 802.3at	DC2.0 12V 3A, PoE 802.3bt
Antenna gain	2.4GHz : 2x4dBi 5GHz : 4x4dBi 6Ghz : 2x4dBi	2.4GHz : 2x4dBi 5GHz : 4x4dBi 6Ghz : 2x4dBi
Dimensions (H*W*D)	Φ218mm*54.6mm	295mm*231mm*80mm
Installation	ceiling-mounted	outdoor
Operating Temperature	-20°C to 55°C	-30°C to 55°C
Energy consumption	< 28W	< 30W
Storage temperature	-40°C to 70°C	-40°C to 70°C

All APs support Asteraix’s OpenWIFI Enterprise Edition.

Asteraix Access Point Feature Comparison

Product datasheet

Wi-Fi 6 Access Point

Model Number	AP6020	AP6020F	AP6031	AP6020W	AP6020WF
Product Image					
Description	802.11ax, 2.975 Gbps data rate, dual-band 4-stream, 1 × 1G WAN, built-in omnidirectional antennas, indoor ceiling-mount type.	802.11ax, 2.975 Gbps data rate, dual-band 4-stream, 1 × GPON, 4 × 1G LAN, built-in omnidirectional antennas, indoor ceiling-mount type.	802.11ax, 2.975 Gbps data rate, dual-band 4-stream, 1 × 1G WAN, built-in omnidirectional antennas, outdoor type.	802.11ax, 2.975 Gbps data rate, dual-band 4-stream, 1 × 1G WAN, 4 × 1G LAN, 2 × Passthrough, built-in omnidirectional antennas, wall-plate type.	802.11ax, 2.975Gbps data rate, dual-band 4x4 streams, 1× GPON port, 4× 1G LAN ports, built-in omnidirectional antennas, wall-mounted panel type.
Wi-Fi protocol	802.11a/b/g/n/ac/ax	802.11a/b/g/n/ac/ax	802.11a/b/g/n/ac/ax	802.11a/b/g/n/ac/ax	802.11a/b/g/n/ac/ax
Ports	1 * 1000Mbps WAN 1 * Serial port	1 * GPON 4 * 1000Mbps LAN 1 * USB serial	1 * 1000Mbps WAN	1 * 1000Mbps WAN 4 * 1000Mbps LAN 2 * Passthrough ports 1 * Serial port 1 * USB port	1 * GPON 4 * 1000Mbps LAN
Max Data Rate	2.975Gbps	2.975Gbps	2.975Gbps	2.975Gbps	2.975Gbps
Spatial Streams	2x2 (2.4GHz); 2x2 (5GHz)	2x2 (2.4GHz); 2x2 (5GHz)	2x2 (2.4GHz); 2x2 (5GHz)	2x2 (2.4GHz); 2x2 (5GHz)	2x2 (2.4GHz); 2x2 (5GHz)
Channel Width	20/40/80/160 MHz	20/40/80/160 MHz	20/40/80/160 MHz	20/40/80/160 MHz	20/40/80/160 MHz
Multiple SSIDs	8 (2.4G) + 8 (5G)	8 (2.4G) + 8 (5G)	8 (2.4G) + 8 (5G)	8 (2.4G) + 8 (5G)	8 (2.4G) + 8 (5G)
Power	DC2.0 12V 1.5A, PoE 802.3at	DC2.0 12V/1.5A, PoF 48V, DC 48V 1A	DC2.0 12V/2A, PoE 802.3at	DC2.0 12V 1.5A, PoE 802.3at	PoF 48V, DC 48V 1A
Antenna gain	2.4GHz : 2x4dBi 5GHz : 2x4dBi	2.4GHz : 2x3dBi 5GHz : 2x4dBi	2.4GHz : 2x6dBi 5GHz : 2x6dBi	2.4GHz : 2x1.7dBi 5GHz : 2x2.9dBi	2.4GHz : 2x3dBi 5GHz : 2x3.3dBi
Dimensions (H*W*D)	186mm*186mm*37mm	190mm*190mm*50mm	304mm*181mm*88mm	160mm*86mm*29mm	86mm*86mm*48mm
Installation	ceiling-mounted	ceiling-mounted	outdoor	panel	panel
Operating Temperature	-10°C to 55°C	-10°C to 55°C	-20°C to 55°C	-20°C to 40°C	-10°C to 45°C
Energy consumption	< 16W	< 18W	< 16W	< 18W	< 14W
Storage temperature	-40°C to 70°C	-40°C to 70°C	-40°C to 70°C	-40°C to 70°C	-40°C to 70°C

All APs support Asteraix’s OpenWIFI Enterprise Edition.