

# Asterfusion Access Point Feature Comparison

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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. |
| 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<br>1 * 2500Mbps LAN<br>1 * 10G SFP+                                                                                                    | 1 * 10Gbps WAN<br>1 * 2500Mbps LAN<br>1 * 10G SFP+                                                                                                     | 1 * XGSPON<br>4 * 1000Mbps LAN<br>1 * USB serial                                                                                                          | 1 * 10Gbps WAN<br>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<br>5GHz : 2x4dBi<br>6Ghz : 2x4dBi                                                                                                     | 2.4GHz : 4x1.7dBi<br>5GHz : 4x4dBi<br>6Ghz : 4x4dBi                                                                                                    | 2.4GHz : 2x4dBi<br>5GHz : 2x4dBi                                                                                                                          | 2.4GHz : 4x6dBi<br>5GHz : 2x6dBi<br>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 Asterfusion’s OpenWIFI Enterprise Edition.

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## 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, Wi-Fi 6E |
| Wi-Fi protocol        | 802.11a/b/g/n/ac/ax                                                                                                                               | 802.11a/b/g/n/ac/ax                                                                                                                  |
| Ports                 | 1 * 2500Mbps WAN<br>1 * 1000Mbps LAN                                                                                                              | 1 * 2500Mbps WAN<br>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<br>5GHz : 4x4dBi<br>6Ghz : 2x4dBi                                                                                                 | 2.4GHz : 2x4dBi<br>5GHz : 4x4dBi<br>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                                                                                                                        |

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## Wi-Fi 6 Access Point

| Model Number          | AP 6020                                                                                                                       | AP 6020F                                                                                                                                | AP 6031                                                                                                          | AP 6020W                                                                                                                                         | AP 6020WF                                                                                                                                        |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 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<br>1 * Serial port                                                                                           | 1 * GPON<br>4 * 1000Mbps LAN<br>1 * USB serial                                                                                          | 1 * 1000Mbps WAN                                                                                                 | 1 * 1000Mbps WAN<br>4 * 1000Mbps LAN<br>2 * Passthrough ports<br>1 * Serial port<br>1 * USB port                                                 | 1 * GPON<br>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<br>5GHz : 2x4dBi                                                                                              | 2.4GHz : 2x3dBi<br>5GHz : 2x4dBi                                                                                                        | 2.4GHz : 2x6dBi<br>5GHz : 2x6dBi                                                                                 | 2.4GHz : 2x1.7dBi<br>5GHz : 2x2.9dBi                                                                                                             | 2.4GHz : 2x3dBi<br>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                                                                                                                                    |

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