



Product Highlights

Wi-Fi 7 (802.11be)

Effective use in Wi-Fi 7 networks where high speed, minimal latency, and connection stability under heavy load are important

Durable and Reliable Housing

With its weatherproof IP67-rated housing, the DAP-E3620OU access point is suitable for operation in harsh weather conditions.

Flexible Operation

Configure to use as an Access Point, a Wireless Distribution System (WDS), WDS with Access Point



DAP-E3620OU

Wi-Fi 7 BE3600 Dual-Band Outdoor PoE Access Point

Features

High-performance Connectivity

- 1x100/1000/2.5GBase-T Eth/PoE 802.3at PoE port
- 1x10/100/1000Base-T LAN port
- Band Steering
- Airtime Fairness
- Fast Roaming (only when using Nuclias Connect controller)

Wi-Fi 7 Technology

- Wi-Fi 7 2x2+2x2 Dual-Band BE3600 solution
- 4096-QAM modulation enhances data throughput and spectrum efficiency
- Multi-Link Operation (MLO)

Outdoor-Ready Hardware Design

- Weatherproof IP67-rated housing
- Wide operating temperature: -30 to 55 °C
- Wall and pole mounting

Trusted Security Features

- WPA/WPA2/WPA3 – Enterprise/Personal
- 64/128-bit WEP encryption
- MAC address filtering
- Network Access Protection (NAP)
- ARP spoofing ARP Spoofing Prevention

The DAP-E3620OU Wi-Fi 7 BE3600 Dual-Band Outdoor PoE Access Point is designed with harsh weather resistant features making it an ideal solution for creating outdoor wireless networks. The DAP-E3620OU supports the latest 802.11be standard. In addition to outdoor, it can be installed in environments where flexible wireless access and harsh conditions exists including; manufacturing plants, industrial automation, convention halls, stadium facilities, airports, marinas or virtually any venue requiring a robust wireless solution.

This AP has manageable dual-band wireless LAN options and utilizes the cutting-edge speed of Wireless BE and not only can the AP operate in standalone mode, it can also be centrally managed by D-Link Nuclias Connect. The Nuclias Connect solution provides for easier administration of wireless networks, including continuous monitoring of network activities, equipment configuration automation, performance parameters and network security control etc.

Wi-Fi 7 (802.11be)

The DAP-E3620OU leverages cutting-edge technologies such as Multi-Link Operation (MLO) and 4K QAM modulation to enable data transmission across multiple frequency bands simultaneously. Whether supporting bandwidth-intensive applications like cloud gaming and real-time collaboration, Wi-Fi 7 provides the speed, efficiency, and reliability required in today's high-density, device-rich environments. The DAP-E3620OU delivers reliable, high-speed wireless performance with maximum wireless signal rates of up to 688 Mbps over the 2.4 GHz band and up to 2882 Mbps over the 5 GHz band¹. This, coupled with support for the Wi-Fi Multimedia™ (WMM) Quality of Service (QoS) feature, makes it an ideal access point for audio, video, and voice applications. When enabled, QoS allows the DAP-E3620OU to automatically prioritize network traffic according to the level of interactive streaming, such as HD movies or VoIP. The QoS feature can be adjusted through the DAP-E3620OU's web GUI using a drop-down menu option to select customized priority rules.

Built for the Outdoors

Specially built for outdoor use, the DAP-E3620OU has an IP67 weatherproof housing that protects it from dirt and rain. Wireless connectivity and high powered antennas means you can put it anywhere within range of your wireless network, giving you the freedom to install it right where you need wireless coverage.

Wi-Fi 7 BE3600 Dual-Band Outdoor PoE Access Point

2.5-Gigabit Ethernet Port

The DAP-E3620OU also deliver fast wired connectivity, significantly reducing network latency and ensuring high throughput for bandwidth-intensive applications. With support for 2.5 GbE speeds, it delivers a stable and efficient wired network experience, ideal for everyday office and business use.

Security

To help maintain a secure wireless network, the DAP-E3620OU supports both Personal and Enterprise versions of WPA, WPA2 (802.11i) and WPA3, with support for RADIUS server backend and a built-in internal RADIUS server allowing users to create their accounts within the device itself. This access point also includes MAC address filtering, wireless LAN segmentation, SSID broadcast disable, rogue AP detection, and wireless broadcast scheduling for further protection of your wireless network. Additionally, the DAP-E3620OU supports Network Access Protection (NAP), allowing network administrators to define multiple levels of network access based on individual client's needs.

Multiple Operation Modes

The DAP-E3620OU supports several operating modes: Access Point, Wireless Distribution System (WDS), WDS with AP. As a standard wireless access point (AP) the DAP-E3620OU can connect to a wide range of devices that are 802.11a/b/g/n/ac/ax/be compliant. In wireless distribution system (WDS) mode it can expand current wireless coverage without the need for a wired backbone link.

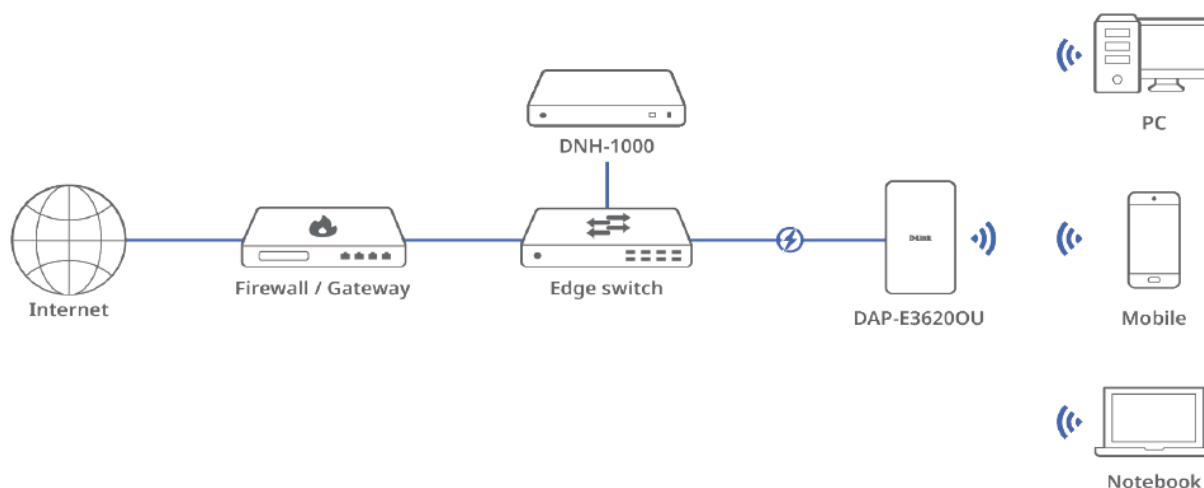
Versatile Access Point Functionality

The DAP-E3620OU allows network administrators to deploy a highly manageable and extremely robust simultaneous dual-band wireless network. The DAP-E3620OU can be wall mounted or pole mounted to meet any wireless demands. For advanced installations, the DAP-E3620OU has integrated 802.3at Power over Ethernet (PoE) support, allowing the device to be installed in areas where power outlets are not readily available

Network Management

Network administrators have multiple options for managing the DAP-E3620OU, including web (HTTP/HTTPS), Secure Shell (SSH, which provides for a secure channel between local and remote computers) and Telnet. The DAP-E3620OU also can be configured and managed by D-Link Nuclias Connect. In addition, the DAP-E3620OU has a wireless scheduler feature, which turns off wireless functionality when it isn't needed, saving power. With simultaneous dual-band functionality, PoE support, extensive manageability, versatile operation modes, and solid security enhancements, the DAP-E3620OU provides enterprise environments with a business-class solution for deploying a wireless network.

Connection Diagram





Wi-Fi 7 BE3600 Dual-Band Outdoor PoE Access Point

Features											
Hardware											
Interfaces	802.11a/b/g/n/ac/ax/be 1x100/1000/2.5GBase-T Eth/PoE 802.3at PoE port 1x10/100/1000Base-T LAN port										
LEDs	- WAN for port Eth/PoE - SYS - LAN 2.4 GHz 5 GHz										
Buttons	Factory reset button										
Antennas	- Two internal antennas with 3.5 dBi for 2.4 GHz - Two internal antennas with 6 dBi for 5 GHz										
MIMO	2x2, MU-MIMO										
Mounting	- Wall - Pole										
Wireless Module Parameters											
Standards	IEEE 802.11a/b/g/n/ac/ax/be										
Wireless Frequency Range* <i>* The available operating frequency ranges vary depending on the regulations of individual countries and jurisdictions. Some frequency ranges may be unavailable in certain regions.</i>	2.4 GHz: 2.4 GHz to 2.4835 GHz 5 GHz: 5.15 GHz to 5.35 GHz, 5.47 GHz to 5.85 GHz										
Wireless Security	- WPA-Personal/Enterprise - WPA2-Personal/Enterprise - WPA3-Personal/Enterprise 64/128-bit WEP encryption - AES and TKIP - SSID broadcast disable - MAC address access control - Network Access Protection (NAP) - Internal RADIUS server - Captive Portal Authentication										
Wireless speed	802.11a: 6, 9, 12, 18, 24, 36, 48 and 54 Mbit/s 802.11b: 1, 2, 5.5 and 11 Mbit/s 802.11g: 6, 9, 12, 18, 24, 36, 48 and 54 Mbit/s 802.11n: 6.5 ~ 300 Mbit/s 802.11ac: 6.5~866 Mbit/s 802.11ax: 6.5~2402 Mbit/s 802.11be: 6.5~2882 Mbit/s										
Transmitter Output Power* <i>* The maximum value of the transmitter output power depends upon the radio frequency regulations applied in your country.</i>	- IEEE 802.11a: 20 dBm at 6, 9, 12, 18,24,36,48,54 Mbit/s - IEEE 802.11b: 20 dBm at 1, 2, 5.5, 11 Mbit/s - IEEE 802.11g: 20 dBm at 6,9, 12,18, 24,36, 48, 54 Mbit/s - IEEE 802.11n:<table><tr><td>2.4 GHz /HT-20 20 dBm at MCS0~7</td><td>2.4 GHz /HT-40 20 dBm at MCS0~7</td><td>5 GHz /HT-20 20 dBm at MCS0~7</td><td>5 GHz /HT-40 20 dBm at MCS0~7</td></tr></table> - IEEE 802.11ac:<table><tr><td>VHT20 20 dBm at MCS0~7 19 dBm at MCS8</td><td>VHT40 20 dBm at MCS0~7 19 dBm at MCS8~9</td><td>VHT80 20 dBm at MCS0~7 19 dBm at MCS8~9</td></tr></table>				2.4 GHz /HT-20 20 dBm at MCS0~7	2.4 GHz /HT-40 20 dBm at MCS0~7	5 GHz /HT-20 20 dBm at MCS0~7	5 GHz /HT-40 20 dBm at MCS0~7	VHT20 20 dBm at MCS0~7 19 dBm at MCS8	VHT40 20 dBm at MCS0~7 19 dBm at MCS8~9	VHT80 20 dBm at MCS0~7 19 dBm at MCS8~9
2.4 GHz /HT-20 20 dBm at MCS0~7	2.4 GHz /HT-40 20 dBm at MCS0~7	5 GHz /HT-20 20 dBm at MCS0~7	5 GHz /HT-40 20 dBm at MCS0~7								
VHT20 20 dBm at MCS0~7 19 dBm at MCS8	VHT40 20 dBm at MCS0~7 19 dBm at MCS8~9	VHT80 20 dBm at MCS0~7 19 dBm at MCS8~9									

Wi-Fi 7 BE3600 Dual-Band Outdoor PoE Access Point

	- IEEE 802.11ax:<table><tr><td>5G/HE20 20 dBm at MCS0~7 19 dBm at MCS8~9 18 dBm at MCS10~11</td><td>5G/HE40 20 dBm at MCS0~7 19 dBm at MCS8~9 18 dBm at MCS10~11</td><td>5G/HE80 20 dBm at MCS0~7 19 dBm at MCS8~9 18 dBm at MCS10~11</td><td>5G/HE160 20 dBm at MCS0~7 19 dBm at MCS8~9 18 dBm at MCS10~11</td></tr></table> - IEEE 802.11be:<table><tr><td>5G/EHT20 20 dBm at MCS0~7 19 dBm at MCS8~9 18 dBm at MCS10~11 17 dBm at MCS12~13</td><td>5G/ EHT40 20 dBm at MCS0~7 19 dBm at MCS8~9 18 dBm at MCS10~11 17 dBm at MCS12~13</td><td>5G/ EHT80 20 dBm at MCS0~7 19 dBm at MCS8~9 18 dBm at MCS10~11 17 dBm at MCS12~13</td><td>5G/ EHT160 20 dBm at MCS0~7 19 dBm at MCS8~9 18 dBm at MCS10~11 17 dBm at MCS12~13</td></tr></table>	5G/HE20 20 dBm at MCS0~7 19 dBm at MCS8~9 18 dBm at MCS10~11	5G/HE40 20 dBm at MCS0~7 19 dBm at MCS8~9 18 dBm at MCS10~11	5G/HE80 20 dBm at MCS0~7 19 dBm at MCS8~9 18 dBm at MCS10~11	5G/HE160 20 dBm at MCS0~7 19 dBm at MCS8~9 18 dBm at MCS10~11	5G/EHT20 20 dBm at MCS0~7 19 dBm at MCS8~9 18 dBm at MCS10~11 17 dBm at MCS12~13	5G/ EHT40 20 dBm at MCS0~7 19 dBm at MCS8~9 18 dBm at MCS10~11 17 dBm at MCS12~13	5G/ EHT80 20 dBm at MCS0~7 19 dBm at MCS8~9 18 dBm at MCS10~11 17 dBm at MCS12~13	5G/ EHT160 20 dBm at MCS0~7 19 dBm at MCS8~9 18 dBm at MCS10~11 17 dBm at MCS12~13			
5G/HE20 20 dBm at MCS0~7 19 dBm at MCS8~9 18 dBm at MCS10~11	5G/HE40 20 dBm at MCS0~7 19 dBm at MCS8~9 18 dBm at MCS10~11	5G/HE80 20 dBm at MCS0~7 19 dBm at MCS8~9 18 dBm at MCS10~11	5G/HE160 20 dBm at MCS0~7 19 dBm at MCS8~9 18 dBm at MCS10~11									
5G/EHT20 20 dBm at MCS0~7 19 dBm at MCS8~9 18 dBm at MCS10~11 17 dBm at MCS12~13	5G/ EHT40 20 dBm at MCS0~7 19 dBm at MCS8~9 18 dBm at MCS10~11 17 dBm at MCS12~13	5G/ EHT80 20 dBm at MCS0~7 19 dBm at MCS8~9 18 dBm at MCS10~11 17 dBm at MCS12~13	5G/ EHT160 20 dBm at MCS0~7 19 dBm at MCS8~9 18 dBm at MCS10~11 17 dBm at MCS12~13									
Receiver Sensitivity	- IEEE 802.11a: -92 dBm at 6 Mbit/s -90 dBm at 9 Mbit/s -87 dBm at 12 Mbit/s -84 dBm at 18 Mbit/s -81 dBm at 24 Mbit/s -79 dBm at 36 Mbit/s -77 dBm at 48 Mbit/s -75 dBm at 54 Mbit/s - IEEE 802.11b: -93 dBm at 2 Mbit/s -89 dBm at 11 Mbit/s - IEEE 802.11g: -92 dBm at 6 Mbit/s -90 dBm at 9 Mbit/s -88 dBm at 12 Mbit/s -86 dBm at 18 Mbit/s -84 dBm at 24 Mbit/s -81 dBm at 36 Mbit/s -77 dBm at 48 Mbit/s -75 dBm at 54 Mbit/s - IEEE 802.11n:<table><tr><td>2.4 GHz /HT-20 -88 dBm at MCS0 -85 dBm at MCS1 -82 dBm at MCS2 -79 dBm at MCS3 -77 dBm at MCS4 -75 dBm at MCS5 -73 dBm at MCS6 -72 dBm at MCS7</td><td>2.4 GHz /HT-40 -86 dBm at MCS0 -83 dBm at MCS1 -80 dBm at MCS2 -78 dBm at MCS3 -76 dBm at MCS4 -74 dBm at MCS5 -72 dBm at MCS6 -70 dBm at MCS7</td><td>5 GHz /HT-20 -88 dBm at MCS0 -85 dBm at MCS1 -82 dBm at MCS2 -80 dBm at MCS3 -78 dBm at MCS4 -76 dBm at MCS5 -74 dBm at MCS6 -72 dBm at MCS7</td><td>5 GHz /HT-40 -86 dBm at MCS0 -83 dBm at MCS1 -80 dBm at MCS2 -78 dBm at MCS3 -76 dBm at MCS4 -74 dBm at MCS5 -72 dBm at MCS6 -70 dBm at MCS7</td></tr></table> - IEEE 802.11ac:<table><tr><td>VHT20 -88 dBm at MCS0 -85 dBm at MCS1 -82 dBm at MCS2 -79 dBm at MCS3 -76 dBm at MCS4 -73 dBm at MCS5 -70 dBm at MCS6 -67 dBm at MCS7 -65 dBm at MCS8</td><td>VHT40 -86 dBm at MCS0 -83 dBm at MCS1 -80 dBm at MCS2 -77 dBm at MCS3 -74 dBm at MCS4 -71 dBm at MCS5 -68 dBm at MCS6 -66 dBm at MCS7 -64 dBm at MCS8 -62 dBm at MCS9</td><td>VHT80 -84 dBm at MCS0 -81 dBm at MCS1 -78 dBm at MCS2 -75 dBm at MCS3 -72 dBm at MCS4 -70 dBm at MCS5 -67 dBm at MCS6 -64 dBm at MCS7 -62 dBm at MCS8 -60 dBm at MCS9</td></tr></table> - IEEE 802.11ax:<table><tr><td>5G/HE20 -90 dBm at MCS0 -87 dBm at MCS1 -84 dBm at MCS2 -81 dBm at MCS3 -78 dBm at MCS4 -75 dBm at MCS5 -73 dBm at MCS6 -70 dBm at MCS7 -68 dBm at MCS8 -65 dBm at MCS9 -62 dBm at MCS10 -60 dBm at MCS11</td><td>5G/HE40 -88 dBm at MCS0 -85 dBm at MCS1 -82 dBm at MCS2 -79 dBm at MCS3 -76 dBm at MCS4 -73 dBm at MCS5 -70 dBm at MCS6 -67 dBm at MCS7 -64 dBm at MCS8 -62 dBm at MCS9 -60 dBm at MCS10 -58 dBm at MCS11</td><td>5G/HE80 -84 dBm at MCS0 -81 dBm at MCS1 -78 dBm at MCS2 -75 dBm at MCS3 -73 dBm at MCS4 -70 dBm at MCS5 -67 dBm at MCS6 -64 dBm at MCS7 -61 dBm at MCS8 -58 dBm at MCS9 -56 dBm at MCS10 -54 dBm at MCS11</td><td>5G/HE160 -82 dBm at MCS0 -80 dBm at MCS1 -78 dBm at MCS2 -75 dBm at MCS3 -73 dBm at MCS4 -70 dBm at MCS5 -67 dBm at MCS6 -64 dBm at MCS7 -61 dBm at MCS8 -58 dBm at MCS9 -56 dBm at MCS10 -54 dBm at MCS11</td></tr></table>	2.4 GHz /HT-20 -88 dBm at MCS0 -85 dBm at MCS1 -82 dBm at MCS2 -79 dBm at MCS3 -77 dBm at MCS4 -75 dBm at MCS5 -73 dBm at MCS6 -72 dBm at MCS7	2.4 GHz /HT-40 -86 dBm at MCS0 -83 dBm at MCS1 -80 dBm at MCS2 -78 dBm at MCS3 -76 dBm at MCS4 -74 dBm at MCS5 -72 dBm at MCS6 -70 dBm at MCS7	5 GHz /HT-20 -88 dBm at MCS0 -85 dBm at MCS1 -82 dBm at MCS2 -80 dBm at MCS3 -78 dBm at MCS4 -76 dBm at MCS5 -74 dBm at MCS6 -72 dBm at MCS7	5 GHz /HT-40 -86 dBm at MCS0 -83 dBm at MCS1 -80 dBm at MCS2 -78 dBm at MCS3 -76 dBm at MCS4 -74 dBm at MCS5 -72 dBm at MCS6 -70 dBm at MCS7	VHT20 -88 dBm at MCS0 -85 dBm at MCS1 -82 dBm at MCS2 -79 dBm at MCS3 -76 dBm at MCS4 -73 dBm at MCS5 -70 dBm at MCS6 -67 dBm at MCS7 -65 dBm at MCS8	VHT40 -86 dBm at MCS0 -83 dBm at MCS1 -80 dBm at MCS2 -77 dBm at MCS3 -74 dBm at MCS4 -71 dBm at MCS5 -68 dBm at MCS6 -66 dBm at MCS7 -64 dBm at MCS8 -62 dBm at MCS9	VHT80 -84 dBm at MCS0 -81 dBm at MCS1 -78 dBm at MCS2 -75 dBm at MCS3 -72 dBm at MCS4 -70 dBm at MCS5 -67 dBm at MCS6 -64 dBm at MCS7 -62 dBm at MCS8 -60 dBm at MCS9	5G/HE20 -90 dBm at MCS0 -87 dBm at MCS1 -84 dBm at MCS2 -81 dBm at MCS3 -78 dBm at MCS4 -75 dBm at MCS5 -73 dBm at MCS6 -70 dBm at MCS7 -68 dBm at MCS8 -65 dBm at MCS9 -62 dBm at MCS10 -60 dBm at MCS11	5G/HE40 -88 dBm at MCS0 -85 dBm at MCS1 -82 dBm at MCS2 -79 dBm at MCS3 -76 dBm at MCS4 -73 dBm at MCS5 -70 dBm at MCS6 -67 dBm at MCS7 -64 dBm at MCS8 -62 dBm at MCS9 -60 dBm at MCS10 -58 dBm at MCS11	5G/HE80 -84 dBm at MCS0 -81 dBm at MCS1 -78 dBm at MCS2 -75 dBm at MCS3 -73 dBm at MCS4 -70 dBm at MCS5 -67 dBm at MCS6 -64 dBm at MCS7 -61 dBm at MCS8 -58 dBm at MCS9 -56 dBm at MCS10 -54 dBm at MCS11	5G/HE160 -82 dBm at MCS0 -80 dBm at MCS1 -78 dBm at MCS2 -75 dBm at MCS3 -73 dBm at MCS4 -70 dBm at MCS5 -67 dBm at MCS6 -64 dBm at MCS7 -61 dBm at MCS8 -58 dBm at MCS9 -56 dBm at MCS10 -54 dBm at MCS11
2.4 GHz /HT-20 -88 dBm at MCS0 -85 dBm at MCS1 -82 dBm at MCS2 -79 dBm at MCS3 -77 dBm at MCS4 -75 dBm at MCS5 -73 dBm at MCS6 -72 dBm at MCS7	2.4 GHz /HT-40 -86 dBm at MCS0 -83 dBm at MCS1 -80 dBm at MCS2 -78 dBm at MCS3 -76 dBm at MCS4 -74 dBm at MCS5 -72 dBm at MCS6 -70 dBm at MCS7	5 GHz /HT-20 -88 dBm at MCS0 -85 dBm at MCS1 -82 dBm at MCS2 -80 dBm at MCS3 -78 dBm at MCS4 -76 dBm at MCS5 -74 dBm at MCS6 -72 dBm at MCS7	5 GHz /HT-40 -86 dBm at MCS0 -83 dBm at MCS1 -80 dBm at MCS2 -78 dBm at MCS3 -76 dBm at MCS4 -74 dBm at MCS5 -72 dBm at MCS6 -70 dBm at MCS7									
VHT20 -88 dBm at MCS0 -85 dBm at MCS1 -82 dBm at MCS2 -79 dBm at MCS3 -76 dBm at MCS4 -73 dBm at MCS5 -70 dBm at MCS6 -67 dBm at MCS7 -65 dBm at MCS8	VHT40 -86 dBm at MCS0 -83 dBm at MCS1 -80 dBm at MCS2 -77 dBm at MCS3 -74 dBm at MCS4 -71 dBm at MCS5 -68 dBm at MCS6 -66 dBm at MCS7 -64 dBm at MCS8 -62 dBm at MCS9	VHT80 -84 dBm at MCS0 -81 dBm at MCS1 -78 dBm at MCS2 -75 dBm at MCS3 -72 dBm at MCS4 -70 dBm at MCS5 -67 dBm at MCS6 -64 dBm at MCS7 -62 dBm at MCS8 -60 dBm at MCS9										
5G/HE20 -90 dBm at MCS0 -87 dBm at MCS1 -84 dBm at MCS2 -81 dBm at MCS3 -78 dBm at MCS4 -75 dBm at MCS5 -73 dBm at MCS6 -70 dBm at MCS7 -68 dBm at MCS8 -65 dBm at MCS9 -62 dBm at MCS10 -60 dBm at MCS11	5G/HE40 -88 dBm at MCS0 -85 dBm at MCS1 -82 dBm at MCS2 -79 dBm at MCS3 -76 dBm at MCS4 -73 dBm at MCS5 -70 dBm at MCS6 -67 dBm at MCS7 -64 dBm at MCS8 -62 dBm at MCS9 -60 dBm at MCS10 -58 dBm at MCS11	5G/HE80 -84 dBm at MCS0 -81 dBm at MCS1 -78 dBm at MCS2 -75 dBm at MCS3 -73 dBm at MCS4 -70 dBm at MCS5 -67 dBm at MCS6 -64 dBm at MCS7 -61 dBm at MCS8 -58 dBm at MCS9 -56 dBm at MCS10 -54 dBm at MCS11	5G/HE160 -82 dBm at MCS0 -80 dBm at MCS1 -78 dBm at MCS2 -75 dBm at MCS3 -73 dBm at MCS4 -70 dBm at MCS5 -67 dBm at MCS6 -64 dBm at MCS7 -61 dBm at MCS8 -58 dBm at MCS9 -56 dBm at MCS10 -54 dBm at MCS11									

Wi-Fi 7 BE3600 Dual-Band Outdoor PoE Access Point

	IEEE 802.11be:<table><tr><th>5G/ EHT20</th><th>5G/EHT40</th><th>5G/EHT80</th><th>5G/EHT160</th></tr><tr><td>-86 dBm at MCS0</td><td>-84 dBm at MCS0</td><td>-82 dBm at MCS0</td><td>-80 dBm at MCS0</td></tr><tr><td>-83 dBm at MCS1</td><td>-82 dBm at MCS1</td><td>-80 dBm at MCS1</td><td>-77 dBm at MCS1</td></tr><tr><td>-80 dBm at MCS2</td><td>-80 dBm at MCS2</td><td>-78 dBm at MCS2</td><td>-74 dBm at MCS2</td></tr><tr><td>-77 dBm at MCS3</td><td>-78 dBm at MCS3</td><td>-75 dBm at MCS3</td><td>-71 dBm at MCS3</td></tr><tr><td>-74 dBm at MCS4</td><td>-74 dBm at MCS4</td><td>-70 dBm at MCS4</td><td>-68 dBm at MCS4</td></tr><tr><td>-70 dBm at MCS5</td><td>-70 dBm at MCS5</td><td>-65 dBm at MCS5</td><td>-63 dBm at MCS5</td></tr><tr><td>-68 dBm at MCS6</td><td>-65 dBm at MCS6</td><td>-63 dBm at MCS6</td><td>-62 dBm at MCS6</td></tr><tr><td>-63 dBm at MCS7</td><td>-63 dBm at MCS7</td><td>-62 dBm at MCS7</td><td>-60 dBm at MCS7</td></tr><tr><td>-61 dBm at MCS8</td><td>-60 dBm at MCS8</td><td>-60 dBm at MCS8</td><td>-57 dBm at MCS8</td></tr><tr><td>-59 dBm at MCS9</td><td>-58 dBm at MCS9</td><td>-58 dBm at MCS9</td><td>-55 dBm at MCS9</td></tr><tr><td>-57 dBm at MCS10</td><td>-56 dBm at MCS10</td><td>-56 dBm at MCS10</td><td>-53 dBm at MCS10</td></tr><tr><td>-56 dBm at MCS11</td><td>-54 dBm at MCS11</td><td>-54 dBm at MCS11</td><td>-51 dBm at MCS11</td></tr><tr><td>-55 dBm at MCS12</td><td>-53 dBm at MCS12</td><td>-52 dBm at MCS12</td><td>-50 dBm at MCS12</td></tr><tr><td>-54 dBm at MCS13</td><td>-52 dBm at MCS13</td><td>-50 dBm at MCS13</td><td>-48 dBm at MCS13</td></tr></table>	5G/ EHT20	5G/EHT40	5G/EHT80	5G/EHT160	-86 dBm at MCS0	-84 dBm at MCS0	-82 dBm at MCS0	-80 dBm at MCS0	-83 dBm at MCS1	-82 dBm at MCS1	-80 dBm at MCS1	-77 dBm at MCS1	-80 dBm at MCS2	-80 dBm at MCS2	-78 dBm at MCS2	-74 dBm at MCS2	-77 dBm at MCS3	-78 dBm at MCS3	-75 dBm at MCS3	-71 dBm at MCS3	-74 dBm at MCS4	-74 dBm at MCS4	-70 dBm at MCS4	-68 dBm at MCS4	-70 dBm at MCS5	-70 dBm at MCS5	-65 dBm at MCS5	-63 dBm at MCS5	-68 dBm at MCS6	-65 dBm at MCS6	-63 dBm at MCS6	-62 dBm at MCS6	-63 dBm at MCS7	-63 dBm at MCS7	-62 dBm at MCS7	-60 dBm at MCS7	-61 dBm at MCS8	-60 dBm at MCS8	-60 dBm at MCS8	-57 dBm at MCS8	-59 dBm at MCS9	-58 dBm at MCS9	-58 dBm at MCS9	-55 dBm at MCS9	-57 dBm at MCS10	-56 dBm at MCS10	-56 dBm at MCS10	-53 dBm at MCS10	-56 dBm at MCS11	-54 dBm at MCS11	-54 dBm at MCS11	-51 dBm at MCS11	-55 dBm at MCS12	-53 dBm at MCS12	-52 dBm at MCS12	-50 dBm at MCS12	-54 dBm at MCS13	-52 dBm at MCS13	-50 dBm at MCS13	-48 dBm at MCS13
5G/ EHT20	5G/EHT40	5G/EHT80	5G/EHT160																																																										
-86 dBm at MCS0	-84 dBm at MCS0	-82 dBm at MCS0	-80 dBm at MCS0																																																										
-83 dBm at MCS1	-82 dBm at MCS1	-80 dBm at MCS1	-77 dBm at MCS1																																																										
-80 dBm at MCS2	-80 dBm at MCS2	-78 dBm at MCS2	-74 dBm at MCS2																																																										
-77 dBm at MCS3	-78 dBm at MCS3	-75 dBm at MCS3	-71 dBm at MCS3																																																										
-74 dBm at MCS4	-74 dBm at MCS4	-70 dBm at MCS4	-68 dBm at MCS4																																																										
-70 dBm at MCS5	-70 dBm at MCS5	-65 dBm at MCS5	-63 dBm at MCS5																																																										
-68 dBm at MCS6	-65 dBm at MCS6	-63 dBm at MCS6	-62 dBm at MCS6																																																										
-63 dBm at MCS7	-63 dBm at MCS7	-62 dBm at MCS7	-60 dBm at MCS7																																																										
-61 dBm at MCS8	-60 dBm at MCS8	-60 dBm at MCS8	-57 dBm at MCS8																																																										
-59 dBm at MCS9	-58 dBm at MCS9	-58 dBm at MCS9	-55 dBm at MCS9																																																										
-57 dBm at MCS10	-56 dBm at MCS10	-56 dBm at MCS10	-53 dBm at MCS10																																																										
-56 dBm at MCS11	-54 dBm at MCS11	-54 dBm at MCS11	-51 dBm at MCS11																																																										
-55 dBm at MCS12	-53 dBm at MCS12	-52 dBm at MCS12	-50 dBm at MCS12																																																										
-54 dBm at MCS13	-52 dBm at MCS13	-50 dBm at MCS13	-48 dBm at MCS13																																																										
Functionality																																																													
Network Management	- Web-based User Interface (HTTP/HTTPS) - Telnet - Secure Telnet (SSH) - Traffic control	- Nuclias Connect - Command Line Interface (CLI) - SNMP																																																											
Operating Modes	- Access Point - WDS	WDS with AP																																																											
Supported Features	- Quality of Service (QoS) - Multi-SSID - VLAN - Wireless intrusion - Internal RADIUS server - Band Steering - Airtime Fairness	- Fast Roaming (only when using Nuclias Connect controller) 802.11k/r Wi-Fi Roaming Protocols² - ARP Spoofing Prevention - Bandwidth Optimization - DHCP Server - MAC address access control - Wireless Multimedia (WMM)																																																											
Standards	- IEEE 802.3u - IEEE 802.3ab - IEEE 802.3bz	- IEEE 802.3az Energy-Efficient Ethernet (EEE) - IEEE 802.3at Power over Ethernet																																																											
Physical Parameters																																																													
Weight	1.6 kg																																																												
Dimensions (L x W x H)	304 x 181 x 88 mm																																																												
Operation Conditions																																																													
Power Supply	IEEE 802.3at PoE																																																												
Max Power Consumption	17.04 W																																																												
Temperature	- Operating: -30 to 55 °C - Storage: -40 to 70 °C																																																												
Humidity	- Operating: 10% to 90% (Non-condensing) - Storage: 5% to 95% (Non-condensing)																																																												
Package Contents																																																													
- DAP-E3620OU Access Point - Wall/Pole Mounting Kit - Quick Installation Guide																																																													
Other																																																													
Certifications	- FCC - CE - RCM																																																												

Antennas		
Orientation	H-Plane	E-Plane
2.4 GHz Wall Mounted		
5 GHz Wall Mounted		
Order info		
DAP-E36200U	Wi-Fi 7 BE3600 Dual-Band Outdoor PoE Access Point	

¹The available operating frequency ranges vary depending on the regulations of individual countries and jurisdictions. Some frequency ranges may be unavailable in certain regions.

²Available when managed by the Nuclias controller.

Updated 29/09/2026