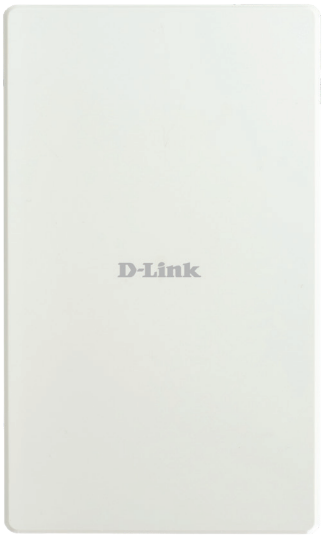
Product Highlights

Wi-Fi 7 Dual-Band Performance
Powered by Wi-Fi 7 dual-band 2×2 + 2×2, the AP delivers stable, efficient connectivity for everyday business use. Ideal for office and basic commercial deployments as a practical entry-level solution.

Wall Plate Designed Indoor Environments
Compact mechanical design blends naturally with interiors, delivering stable and reliable wireless performance while maintaining a clean and attractive appearance. The design allows easy installation and smooth integration with existing in-building cabling.

Enterprise Design
Multiple SSIDs, VLANs, and advanced wireless security help provide a stable, secure, and scalable network in offices, campuses, and commercial environments.



DAP-E3620W

BE3600 Wall Plate Access Point

Key Features

Wi-Fi 7 Technology
- Wi-Fi 7 2x2 + 2x2 dual-band BE3600 solution
- Multi-Link Operation (MLO) improves transmission efficiency and connection stability
- 4096-QAM modulation enhances data throughput and spectrum efficiency

Wall Plate–Ready Hardware Design
- Compact wall plate form factor designed for seamless in-room and in-building installation
- Optimized for reliable operation in hospitality, office, and campus environments
- Supports standard wall plate mounting for discreet and space-saving deployment

Customizable Captive Portal
- Each SSID can be configured with a dedicated captive portal page
- Customizable login pages for branding, advertising, or promotional purposes

Central Management
- Supports Nuclias Unity, Nuclias hardware controller, and Nuclias software controller for centralized management, monitoring, and maintenance
- Provides flexible deployment options with centralized cloud or on-premises management

Advanced Security
- Latest WPA3 Personal/Enterprise encryption
- Supports 802.1x and MAC/IP ACL
- Establish complete security protection for wireless network

The DAP-E3620W Wi-Fi 7 Dual-Band Access Point is designed to meet everyday networking needs in hospitality, office, and campus environments, delivering reliable, stable, and secure wireless connectivity through a compact wall plate form factor. Featuring Wi-Fi 7 dual-band technology, advanced security features, and centralized management, it is ideal for in-room and in-building wireless deployments where discreet installation and consistent performance are required.

Wi-Fi 7 Connectivity

The DAP-E3620W leverages core Wi-Fi 7 technologies such as Multi-Link Operation (MLO) and 4K QAM, enabling dynamic traffic allocation across multiple frequency bands to improve performance, reduce latency, and increase overall network capacity.

2.5-Gigabit Ethernet Port

The DAP-E3620W also provides fast wired connectivity, effectively reducing network latency and ensuring reliable performance for bandwidth-demanding applications. With support for 2.5 GbE speeds, it delivers a stable and efficient wired network experience, ideal for everyday office and business use.

PoE-Enable Wall Plate Solution

The DAP-E3620W supports PoE input, delivering both power and data through a single Ethernet cable for flexible in-room or in-building installation. It allows existing wired network outlets to be upgraded to combined wired and wireless interfaces, providing 4×1G Ethernet downlink ports, including one port with 802.3af PoE to power devices such as IP cameras or phones, simplifying cabling, reducing installation time, and ensuring reliable network expansion in hospitality, office, and campus environments.

SSID-VLAN Mapping

The DAP-E3620W supports SSID-VLAN Mapping, allowing administrators to assign different SSIDs to specific VLAN tags. This capability effectively segregates user group access without compromising network security, ensuring traffic isolation and enhancing overall network management.

Customizable Captive Portal

The DAP-E3620W offers a customizable Captive Portal for managing wireless access, allowing administrators to create personalized login pages. This enhances network security through user authentication while strengthening engagement with tailored branding and messaging.

DAP-E3620W BE3600 Wall Plate Access Point

Advanced Security

The DAP-E3620W delivers Advanced Security features, including the latest WPA3™ Personal and Enterprise encryption and MAC/IP Access Control Lists (ACLs). These robust security measures ensure networks with higher security requirements are well protected against unauthorized access and potential threats.

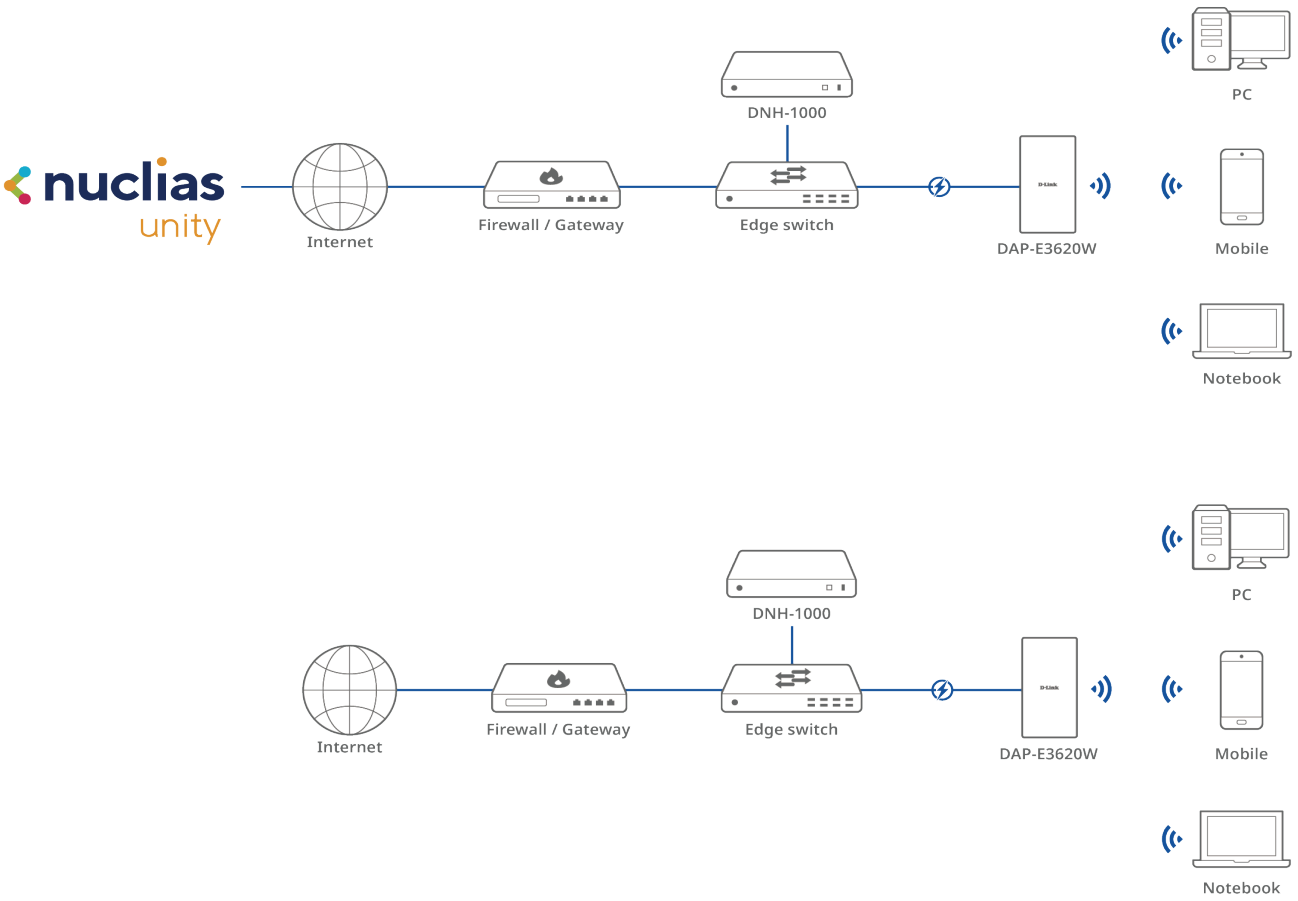
Multiple Operational Modes

The DAP-E3620W offers Multiple Operational Modes to accommodate diverse deployment scenarios. In addition to standard AP mode, it supports WDS and WDS+AP modes, providing flexible options for extending network coverage and integrating with existing infrastructure.

Centralized Management

The DAP-E3620W supports Nuclias Unity, as well as Nuclias hardware and software controllers, enabling centralized management, monitoring, and maintenance. Users can easily automate, monitor, and scale their network operations through an intuitive interface and real-time data insights. It provides flexible deployment options with centralized cloud or on-premises management, making network administration simpler and allowing seamless expansion as the network grows. Centralized management ensures optimal performance and security while saving time and improving efficiency.

Connection Diagram



DAP-E3620W BE3600 Wall Plate Access Point

Specifications

General

Device Interfaces

- 1 x 2.5 Gigabit Ethernet PoE LAN port (uplink)
- 4 x 1 Gigabit LAN port (downlink, one PoE out for PD device)
- 1 x Reset button
- 1 x RJ45 console port
- 1 x Passthrough Port[5]

LED

Power/Status

Antenna

- 2 x 3 dBi @ 2.4 GHz
- 2 x 3.3 dBi @ 5 GHz

Wi-Fi Data Rate[2,3]

- 2.4 GHz up to 688 Mbps
- 5 GHz up to 2882 Mbps

IEEE Standard[3]

- IEEE 802.11be/ax/ac/n/g/b/a
- IEEE 802.3at PoE
- IEEE 802.3u/ab/an/bz
- IEEE 802.3az Energy-Efficient Ethernet (EEE)

Maximum Output Power[1]

- 24 dBm (2.4 GHz)
- 23 dBm (5 GHz)

Functionality

Security Protocol

- WPA/WPA2/WPA3™ Personal/Enterprise
- SSID broadcast disable
- MAC address access control
- WEP 64/128-bit
- Enhanced Open
- Internal RADIUS server

Operating Frequency[2]

- 2.4 - 2.483 GHz
- 5.15 - 5.85 GHz

Software

Device Management

- Web (HTTP/HTTPS)
- Nuclias Unity
- Nuclias hardware and software controller
- Telnet/SSH
- SNMP

Physical

Dimensions

160 x 86 x 29 mm

Weight

260 g

Power Input

802.3at

Max Power Consumption

< 17W

Operating Temperature

0 to 40 °C (32 to 104 °F)

Storage Temperature

-20 to 65 °C (-4 to 149 °F)

Operating Humidity

10% to 90% non-condensing

Storage Humidity

5% to 95% non-condensing

Certifications[4]

- CE

Ordering Information

DAP-E3620W

BE3600 Wall Plate Access Point

Package Contents

- DAP-E3620W
- Bracket
- Screws
- Quick Start Guide

1. The maximum output power is the board limit value, the actual output power will depend on regulatory requirements.
2. Maximum wireless signal rate derived from IEEE standard 802.11 and 802.11ax specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials, construction, and network overhead may lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.
3. Please note that operating frequency ranges vary depending on the regulations of individual countries and jurisdictions. The DAP-E3620W may not support the 5.25 - 5.35 GHz and 5.47 - 5.725 GHz frequency ranges in certain regions.
4. For the EU region, this product is compliant with CE regulations and operates within the following frequency ranges: 2.4 - 2.4835 GHz, 5.150 - 5.250 GHz, 5.250 - 5.350 GHz, and 5.470 - 5.750 GHz
5. Ethernet Passthrough Port keeps the in-room wall jack available for wired devices.

Actual performances may vary due to settings, cabling, temperature, network configuration, interface, device compatibility, environmental and on-site conditions, and other similar factors. References to power capability, signal or processing speed, signal range or distance, data encryption, storage capacity, display properties, or other performance metrics are based on optimal conditions derived from industry standards and provided for informational purposes only. Specifications may be subject to change without prior notice.

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