

## Cambium Network cn Pilot e600 Indoor Access Point Overview

The Cambium cnPilot e600 is a high-performance indoor Wi-Fi 5 access point with 802.11ac Wave 2 and 4x4 MU-MIMO technology, delivering gigabit speeds and supporting up to 512 concurrent clients. It features seamless controller-less roaming for up to 1,000 clients and offers built-in guest access with social login and voucher support. This AP supports mesh networking for easy coverage expansion and is plenum-rated with DFS certification for enhanced spectrum use. Managed via Cambium's cnMaestro cloud or on-premises controller, it enables zero-touch provisioning and comprehensive network management.

FIGURE 1: APPEARANCE OF cn Pilot e600



TABLE 1: QUICK SPECS OF CAMBIUM cn Pilot e600 AP

SKU	PL-E600X00A-RW
Description	Gigabit 802.11ac wave 2 dual band 4x4 Indoor access point
Wifi standard	IEEE 802.11a/b/g/n/ac Wave 2   Other standards: 802.11 h/d/r/u/w
Dimensions	180x180x42mm (or 18x18x4.2cm)
Antenna	Omni (360°)

FIGURE 2: FRONT PANEL OF CAMBIUM cn Pilot e600 AP



CAMBIUM cn Pilot e700 AP provides these features:

**1. High-Speed 802.11ac Wave 2 with MU-MIMO**

The e600 supports gigabit speeds through 802.11ac Wave 2 technology, using 4x4 MU-MIMO (Multi-User Multiple Input Multiple Output), which allows it to serve multiple devices simultaneously with improved throughput and reduced latency.

**2. Supports High Client Density**

It can handle up to 512 concurrent client connections, making it ideal for environments like classrooms, malls, hotels, and public venues where many users need reliable, high-speed access at the same time.

**3. Controller-less Seamless Roaming**

The device enables clients to roam across access points seamlessly without needing a centralized controller, simplifying network architecture and ensuring uninterrupted connectivity for up to 1,000 clients.

**4. Advanced RF Management**

This AP has features like beamforming, airtime fairness, automatic channel scanning, and band steering optimize wireless performance dynamically, improving signal quality, reducing interference, and balancing network load.

**5. Flexible Deployment and Management**

The e600 supports indoor and mesh networking, plenum-rated for safe deployment in air handling spaces and is managed via Cambium's cnMaestro cloud or on-premises platform for easy provisioning, monitoring, and troubleshooting.

## SPECIFICATION

Cambium cn Pilot e600 Specification	
MODEL NUMBER	cn Pilot 600
WIFI STANDARD	IEEE 802.11a/b/g/n/ac Wave 2   Other standards: 802.11 h/d/r/u/w
WEIGHT	400 g
MIMO Streams	2x2 (2.4 GHz) , 4x4 (5 GHz) MIMO streams.
DIMENSIONS (W x H x D)	180x180x42mm (or 18x18x4.2cm)
RANGE	250 m (800 Ft)
MAX DATA RATE	1.73 Gbps (1,733 Mbps)
12 V DC INPUT	YES
STANDARDS	4.55 dBi (2.4 GHz)/4.25 dBi (5 GHz)
MIMO STREAM	2x2 (2.4 GHz) , 4x4 (5 GHz) MIMO streams.
MAX DATA RATE	1.73 Gbps (1,733 Mbps)
ETHERNET	Two (2) x 1 Gigabit Ethernet (10/100/1000 Mbps)
ANTENNA COVERAGE	Omni (360°)
SSID	16 SSIDs across 2 radios
POLARIZATION	Dual-linear
TEMPERATURE	0°C to +50°C
ETHERNET PORTS	Two (2) x 1 Gigabit Ethernet (10/100/1000 Mbps)
FREQUENCY BANDS	2.4 GHz: 2400-2484 MHz 5 GHz: 5150-5850 MHz with DFS band support
SUBSCRIBER QoS	WMM
POWER CONSUMPTIONS	22 W
MAX TX POWER	22 dBm
LED	Single LED window with tri color (Amber, Blue, Green)
PHYSICAL LOCK	Kensington key hole
CERTIFICATIONS	FCC, ETSI, CE

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## CONTACT US

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