

TP-CPE710

TP-Link CPE710 5GHz AC867 23 dBi outdoor CPE

Product Overview

TP-Link CPE710 5GHz AC867 23 dBi outdoor CPE, Qualcomm 750MHz CPU, 128 MB DDR2 RAM, 16 MB Flash, 1x 10/100/1000 Mbps shielded Ethernet Port (LAN/PoE), 23 dBi antenna gain. Model: TP-CPE710; Wi-Fi: 802.11ac 5GHz; Speed: up to 867 Mbps; Antenna: 23 dBi directional 2x2 MIMO; Port: 1 x Gigabit Ethernet; Power: Passive PoE 16-27V DC; Protection: IP65, 15kV ESD, 6kV Lightning; Management: Pharos Control; Dimensions: 366 x 280 x 207 mm



Specifications

Overview Summary

Product Title:TP-Link CPE710 5GHz AC 867Mbps 23dBi Outdoor CPE

The TP-Link CPE710 is a professional-grade outdoor wireless solution designed for stable, long-distance Wi-Fi transmission. Featuring a powerful 23 dBi high-gain directional antenna and 802.11ac technology, it delivers speeds up to 867 Mbps on the 5GHz band. With excellent beam directivity and improved noise immunity, it ensures reliable connectivity across extended ranges, making it ideal for demanding outdoor networking applications in South Africa.

Built with durability and performance in mind, the CPE710 offers an IP65 weatherproof enclosure, 15kV ESD, and 6kV lightning protection. Its innovative snap-lock assembly and wind-resistant structural design simplify installation while providing robust stability in challenging environments. Integrated Pharos Control software enables centralized device management, offering administrators enhanced efficiency for network maintenance and monitoring.

Performance tier:Professional outdoor CPE

Uses:Long-distance Wi-Fi, point-to-point connections, outdoor internet extension, wireless bridging, rural connectivity

Overview:

CPE710 - 5GHz AC 867Mbps 23dBi Outdoor CPE

- 802.11ac for up to 867Mbps on 5GHz wireless data rate
- 23dBi high-gain directional 2x2 MIMO, ideal for long-distance application
- Excellent beam directivity, improved latency and noise cancellation
- Innovative snap-lock parts make for fast assembly and a sturdy structural design keeps CPE710 stable even in strong winds
- Durable IP65 weatherproof enclosure along with 15kV ESD and 6kV lightning protection ensures all-weather suitability

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Product Specification Sheet

- Pharos Control gives administrators a free, centralized management system
- Passive PoE supports to allow flexible deployment and convenient installation

Description

The TP-Link CPE710 is engineered for long-range outdoor wireless transmission with professional-grade performance. Equipped with a 23 dBi high-gain Cassegrain antenna and metal reflector, it achieves excellent beam directivity, delivering high-speed and reliable connectivity over extended distances. Ideal for point-to-point and point-to-multipoint scenarios, it is a cost-effective solution for outdoor broadband networking.

With IP65 weatherproof protection, robust lightning and ESD shielding, and a wind-resistant design, the CPE710 is built to endure harsh outdoor environments. Its easy-to-install snap-lock design ensures quick deployment, while centralized management via Pharos Control provides network administrators with advanced monitoring and optimization tools. Whether for rural broadband, surveillance, or enterprise connectivity, the CPE710 delivers stable, high-performance wireless networking.

Features:

Stable Outdoor Wi-Fi for Long-Distance Transmission

- 23 dBi Directional 2 x 2 MIMO Antenna
- 15 KV ESD & 6 KV Lightning Protection
- Easy Assembly & Flexible Installation
- Centralized Management
- Wind-resistant Construction
- IP65 Weatherproof Enclosure

Blazing Speed without Wait

256 QAM and an 80 MHz bandwidth boosts overall speeds up to 867 Mbps, 3x faster than 802.11n Wi-Fi.

Professional-Standard 23 dBi Directional - Antenna for Long-range Wireless Transmission

With 23 dBi high-gain directional Cassegrain antenna and dedicated metal reflector, the CPE710 provides excellent beam directivity, improved latency, and noise immunity. Professional performance, coupled with user-friendly design, makes the 5 GHz 867 Mbps 23 dBi Outdoor CPE710 an ideal choice and cost-effective solution for outdoor long-distance wireless networking applications.

Stable Structural Design and Flexible Installation

- Antenna Feed
- Side Reflector Panel
- Center Reflector Panel
- Side Reflector Panel

Compact and - Lightweight Packaging

Small and lightweight boxes benefit shipping, logistics, and retail.

Pharos Control - Centralized Management System

CPE710 comes equipped with Pharos Control centralized management software, helping users easily manage all devices in their network from a single PC. Functions include device discovery, status monitoring, firmware upgrading, and network maintenance. An intuitive web-based interface- PharOS - provides an alternative management method and allows professionals to access more detailed configurations.

What's in the Box

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- TP-Link CPE710 Outdoor Wireless CPE
- 24V 0.5A Passive PoE Adapter
- Pole Mounting Kits
- AC Power Cord
- Installation Guide

Specifications:

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Specifications

Product Code	TP-CPE710
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HARDWARE FEATURES

Processor	Qualcomm 750MHz CPU, MIPS 74Kc
Memory	128 MB DDR2 RAM, 16 MB Flash
Interface	1 10/100/1000 Mbps Shielded Ethernet Port (LAN/POE)
	1 Reset Button
Power Supply	Passive Power over Ethernet via LAN (+4, 5pins, -7, 8pins)
	Voltage range: 16-27V DC
Dimensions (W x D x H)	366 x 280 x 207 mm (14.4 x 11.0 x 8.1 in.)
Antenna Gain	23 dBi
Antenna Beamwidth	9degrees (Azimuth)/7degrees (Elevation)
Protection	15 KV ESD Protection
	6 KV Lightning Protection
Enclosure	Material: Outdoor PC stabilized plastic
	Weatherproof: IP65 water and dust proof design

WIRELESS FEATURES

Wireless Standards	IEEE 802.11a/n/ac
Wireless Speeds	Up to 867 Mbps (80 MHz, Dynamic)
	Up to 400 Mbps (40 MHz, Dynamic)
	Up to 173.4 Mbps (20 MHz, Dynamic)
Frequency	5.15-5.85 GHz
Transmit Power	Max. 27 dBm (Adjustable power by 1dBm)

SOFTWARE FEATURES

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Network Configuration	WAN: Static/ Dynamic/ PPPoE
	LAN: Static/ Dynamic/ DHCP
	Forwarding: ALG/ UPnP/ Virtual Server/ Port Trigger
	Security: SPI Firewall/ Ping Forbidden/ DoS Protection
	Access Control
	Static Routing
	Bandwidth Control
	IP & MAC Binding
Wireless Configurations	Selectable Channel Width: 20/40/80MHz
	Auto Channel Selection
	Transmit Power Control
	Dynamic Frequency Selection(DFS)
	WDS Enable/ Disable
	Security: WPA/WPA2, WPA-PSK/WPA2-PSK (AES/TKIP) Encryption
	SSID Broadcast Enable/ Disable
	Multi-SSID with VLAN Tagging(AP Mode only)
	Distance/ ACK Timeout Setting
	Wireless MAC Address Filter
	Wireless Advanced:
	Beacon Interval/ RTS Threshold/ Fragmentation Threshold/ DTIM Interval/ AP Isolation/ Short GI/ Wi-Fi Multimedia
	Long Range PTP
Management	Discovery and Remote Management via Pharos Control application
	HTTP/ HTTPS Web-based management
	System log
	SNMP Agent(v2c)
	Ping Watch Dog
	Dynamic DDNS
	SSH Server
System Tools	Indicators:Signal Strength/ Noise/ Transmit CCQ/ CPU/ Memory
	Monitors: Throughput/ Stations/ Interfaces/ ARP/ Routes/ WAN/ DHCP
	Spectrum Analyzer
	Speed Test
	Ping
	Traceroute
	Antenna Alignment
System-level Optimizations	Optimized IGMP Snooping / Proxy for multicast applications

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POE ADAPTER FEATURES	
Dimensions(W x D x H)	85.8x43.9x29.7 mm
Interfaces	1 AC Jack with Earth Ground
	1x 10/100/1000 Mbps Shielded Ethernet Port (Power + Data)
	1x 10/100/1000 Mbps Shielded Ethernet Port (Data)
Button	Remote Reset Button
Power Status LEDs	Green
Input	100-240VAC, 50/60Hz
Output	24VDC, 0.5A Max
	+4, 5pins, -7, 8pins. (Support up to 60m Power over Ethernet)
Efficiency	>84.29%
Certifications	CE / FCC / UL / IC / GS / PSB / C-tick / SAA / S-Mark / KC-mark
OTHERS	
Certification	CE, FCC, RoHS, IP65, IC
Package Contents	Outdoor Wireless CPE
	24V 0.5A Passive PoE Adapter
	Pole Mounting Kits
	AC Power Cord
	Installation Guide
System Requirements	Microsoft Windows 98SE, NT, 2000, XP, Vista or Windows 10, Windows 8, Windows 7, MAC OS, NetWare, UNIX or Linux.
	Note: We recommend you to use one of following Web browsers for an improved user experience: Google Chrome, Safari, and Firefox. IE browsers are not recommended.
Environment	Operating Temperature: -40degreesC~70degreesC (-40degreesF~158degreesF)
	Storage Temperature: -40degreesC~70degreesC (-40degreesF~158degreesF)
	Operating Humidity: 10%~90% non-condensing
	Storage Humidity: 5%~95% non-condensing

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/TP-CPE710-TP-Link-CPE710-5GHz-AC867-23-dBi-outdoor-Buy-p-253176.php>

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