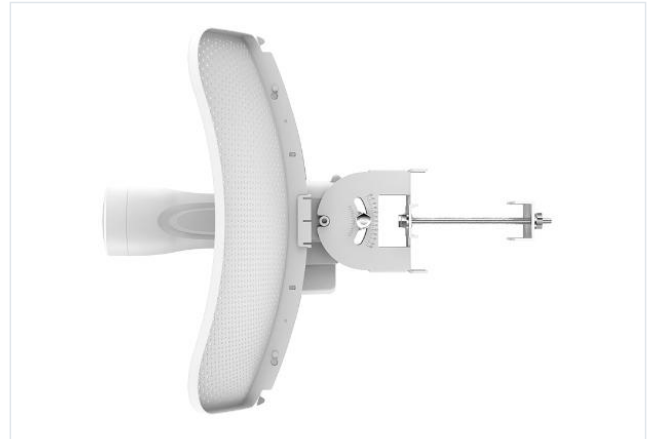
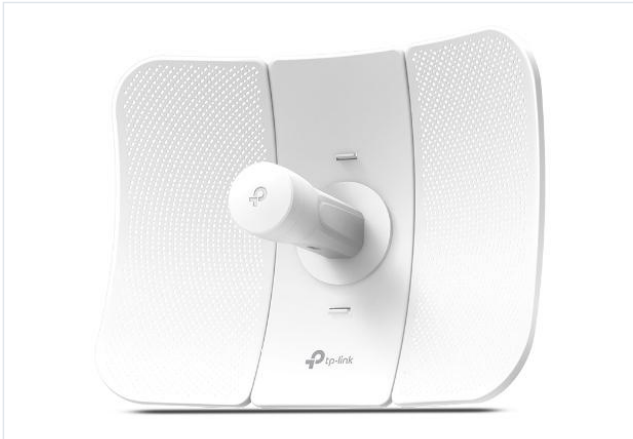


TP-CPE610

TP-link CPE610 5GHz N300 23 dBi outdoor CPE with 23dBi antenna

Product Overview

TP-link CPE610 5GHz N300 23 dBi outdoor CPE, Up to 300 Mbps on 5GHz Wireless Data rates, 23dBi high-gain directional 2x2 MIMO antenna, Dedicated metal reflector, Qualcomm 560MHz CPU MIPS 74kc, 64MB DDR2 RAM, 8MB Flash, 1x 10/100 Mbps shielded Ethernet Port (LAN/PoE)



Specifications

Overview:

5GHz 300Mbps 23dBi Outdoor CPE CPE610

- Up to 300Mbps on 5GHz wireless data rates
- 23dBi high-gain directional 2x2 MIMO antenna and a dedicated metal reflector, 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 CPE610 stable even in strong winds
- Durable IP65 weatherproof enclosure along with 15 kV ESD and 6 kV lightning protection ensures all-weather suitability
- TP-Link Pharos MAXtream TDMA technology improves throughput, capacity and latency performance
- Pharos Control gives administrators a free, centralized management system
- Passive PoE supports to allow flexible deployment and convenient installation

Features:

ComX Computers

Product Specification Sheet

2x2 MIMO - MAXtream TDMA

23dBi directional antenna and professional structural stability for long-distance outdoor Wi-Fi transmission

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

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

With 23dBi high-gain directional 2x2 MIMO Cassegrain antenna and dedicated metal reflector, the CPE610 provides excellent beam directivity, improved latency and noise immunity. Professional performance, coupled with user-friendly design, makes the 5GHz 300Mbps 23dBi Outdoor CPE610 an ideal choice and cost effective solution for outdoor wireless networking applications.

Stable Structural Design and Flexible Installation

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

Pole Mount - Feed Receiver

- Snap-lock parts make assembly simple and convenient
- Pole mount kits and the freedom of three-axis alignment facilitate flexible installation
- Sturdy design ensures stability in windy conditions

Compact and - Lightweight Packaging

Small and lightweight boxes

benefit shipping, logistics and retail.

Pharos Control - Centralized Management System

CPE610 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

Specifications:

© 2020 Respective owners and brand holders. This table has been carefully researched and generated by ComXpert International CC (<http://www.comx.co.za>), however, errors and omissions may occur. Only references to South Africa apply. All products are sourced in South Africa from the official suppliers and the warranty is that of the local supplier. E&OE. This table and our site's content may be used on condition that this notice and link remains intact and unaltered.

Specifications

Product Code	TP-CPE610
--------------	-----------

HARDWARE FEATURES

Processor	Qualcomm 560MHz CPU, MIPS 74Kc
Memory	64MB DDR2 RAM, 8MB Flash
Interface	1 10/100Mbps Shielded Ethernet Port (LAN/POE)
	1 Reset Button
Power Supply	Passive Power over Ethernet via LAN (+4, 5pins, -7, 8pins)
	Voltage range: 16-27VDC

ComX Computers

Product Specification Sheet

Dimensions (W x D x H)	366 x 280 x 207 mm (14.4 x 11.0 x 8.1 in.)
Antenna Gain	23dBi
Antenna Beamwidth	9 degrees(Azimuth), 7 degrees(Elevation)
Protection	15KV ESD Protection
	6KV Lightning Protection
Enclosure	Material: Outdoor PC stabilized plastic
	Weatherproof: IP65 water and dust proof design
WIRELESS FEATURES	
Wireless Standards	IEEE 802.11a/n
Proprietary Protocol	TDMA Mode (with Pharos MAXtream enabled)
Wireless Speeds	Up to 300Mbps (40MHz, Dynamic)
	Up to 144.4Mbps (20MHz, Dynamic)
	Up to 72.2Mbps (10MHz, Dynamic)
	Up to 36.1Mbps (5MHz, Dynamic)
Frequency	5.15~5.85GHz
Transmit Power	Max. 25dBm (Adjustable power by 1dBm)
SOFTWARE FEATURES	
Network Configuration	WAN: Static/Dynamic/PPPoE/L2TP/PPTP
	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

ComX Computers

Product Specification Sheet

Wireless Configurations	Pharos MAXtream TDMA Technology
	Selectable Channel Width: 5/10/20/40MHz
	Auto Channel Selection
	Transmit Power Control
	Dynamic Frequency Selection(DFS)
	WDS Enable/Disable
	Security: WPA/WPA2, WPA-PSK/WPA2-PSK (AES/TKIP) Encryption
	64/128/152-bit WEP 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
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
System-level Optimizations	Optimized IGMP Snooping/Proxy for multicast applications
	Hardware watch dog
POE ADAPTER FEATURES	
Dimensions(W x D x H)	85.8x43.9x29.7 mm
Interfaces	1 AC Jack with Earth Ground
	1 10/100Mbps Shielded Ethernet Port (Power + Data)
	1 10/100Mbps Shielded Ethernet Port (Data)
Button	Remote Reset Button
Power Status LEDs	Green

ComX Computers

Product Specification Sheet

Input	100-240VAC, 50/60Hz
Output	24VDC, 0.6A 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, IC, RoHS, IP65
Package Contents	Outdoor Wireless CPE
	24V 0.5A Passive PoE Adapter
	Pole Mounting Straps
	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: -40 degreesC~70 degreesC (-40 degreesF~158 degreesF)
	Storage Temperature: -40 degreesC~70 degreesC (-40 degreesF~158 degreesF)
	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-CPE610-TP-link-CPE610-5GHz-N300-23-dBi-outdoor-CPE-Buy-p-243538.php>

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: <https://www.comx-computers.co.za/terms-of-use.php>

Terms of Sale: <https://www.comx-computers.co.za/terms-of-sale.php>

PDF generated: 2026-10-14 10:59:56.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.