ComX Computers
Product Specification Sheet

CD-AP1300O

Cudy Dual Band 1200Mbps WiFi 5 Outdoor Access Point

Product Overview

Cudy Dual Band 1200 Mbps WiFi 5 Outdoor Access Point, AP1300 Outdoor, 1x Gigabit Ethernet (RJ-45) Port, 802.3af/at PoE Power Supply, 2x detachable Omni-Directional antennas, Pole/wall mounting, 5GHz up to 867 Mbps, 2.4GHz up to 300 Mbps









Specifications

Overview:

Outdoor AC1200 Gigabit Wireless Access Point, Model: AP1300 Outdoor

- AC1200 MU-MIMO Dual Band Wi-Fi
- MT7621DAT+MT7613B+MT7603E
- 4-In-1: AP/RE/Router/WISP
- 1x Gigabit WAN/LAN
- WPS Button, Reset Button
- 802.3at/af PoE or Passive PoE (Adapter Included)
- Cudy Mesh
- IP65, -20~60 degreesC (Ext. -40~65 degreesC), 8/15 KV Contact/Air ESD + 4 KV Surge/Lightning Protection

Features:

Speedy Dual-Band AC1200 Wi-Fi

With MU-MIMO and dual-band features, the AC1200 Wi-Fi AP can connect to over 30 devices while minimizing latency. The maximum number of simultaneous connections per AP is 128 devices.

Boosted Wi-Fi Coverage with Beamforming

Tested Wi-Fi coverage performance in four scenarios, achieved by Beamforming technology and two external antennas. If your space is too large for one access point to cover, you can expand your Wi-Fi coverage into a Mesh network by adding another Cudy AP.

Simply Plug and Unplug for Mesh Setup

Connect the PoE adapter LAN port to a Cudy Mesh AP/router/Mesh unit/VPN Router/AC to add the new AP to the Mesh network. Feel free to unplug it or keep using Ethernet backhaul after pairing. (Requires firmware newer than 1.15.28, the other Cudy Mesh device needs to be purchased separately)

Leave the Rest to Adaptive Routing

Adaptive Routing improves the system's awareness of the capacity used by each node. Once the backhaul path is jammed by clients or interfered with by environmental factors, it will automatically switch to a better path for improved stability.

Specifications:

© 2023 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	CD-AP1300O
Hardware Features	
Highlights	CPU: 880 MHz Dual-Core Processor
	Flash: 16 MB (128 Mbit)
	DDR: 128 MB (1 Gbit)
Interface	1 x Gigabit Ethernet (RJ-45) Port (Support IEEE802.3af PoE and Passive PoE)
	1 x Reset Button
Power Supply	802.3af/at PoE
	24-57 V Passive PoE (+4, 5pins, -7, 8pins)
Dimensions (W x D x H)	240 x 100 x 53.7mm
Antenna Type	2 x Detachable Omni-directional Antennas
Mounting	Pole/Wall Mounting (Kits included)
Wireless Function	
Wireless Standard	Wi-Fi 5 (802.11ac/n/g/b/a)
Frequency	5 GHz, 2.4 GHz
Signal Rate	5 GHz: Up to 867 Mbps
	2.4 GHz: Up to 300 Mbps
Bandwidth	20/40/80 MHz

Wireless Functions	Multiple SSID
	Enable/Disable Wireless Radio
	Transmit Power Control
	QoS (WMM)
	Mesh (Requires a Cudy Mesh unit/Mesh router/AC as the gateway with firmware newer than 15.28)
	Band Steering
	MU-MIMO
	Beamforming
	Rate Limit
	Reboot Schedule
	Wireless Schedule
Wireless Encryption	WPA-PSK
	WPA2-PSK
	WPA-PSK/WPA2-PSK
Security	Access Control
	Mac Filtering
	Wireless Isolation Clients
Weather-Proof	
Dust/Water-Proof	IP65 (Protection against any dust and low-pressure water from any directions)
Lightning Protection	4 KV Lightning/Surge protection at the Ethernet port
ESD	8 KV Contact / 15 KV Air ESD protection
Working Temperatures	-20/60 degreesC
	Extend -40/65 degreesC (Booted up in advance. Performance may drop slightly.)
More	
Operating Mode	Access Point
	Wi-Fi Router
	Range Extender
	WISP
	Mesh
Package Content	Outdoor Wireless Access Point
	2 x Detahcable Wi-Fi Antennas
	48 V / 0.3 A Passive PoE Adapter
	Mounting Kits
	Installation Guide

Environment	Operating Temperatures: -20~60 degreesC (-4~140 degreesF) ext. -40~65 degreesC (-40~149 degreesF)
	Storage Temperature: -40-70 degreesC (-40-158 degreesF)
	Operating Humidity: 10-90% RH non-condensing
	Storage Humidity: 5-90% RH non-condensing
System Requirements	Operating system that supports network/Wi-Fi connectivity, such as Windows, Android, macOS, iOS, or Linux

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/CD-AP1300O-Cudy-Dual-Band-1200Mbps-WiFi-5-Outdoor-Access-Point-p-286669.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: 2026-11-12 05:21:25.

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.