



Altai C260 2x2 802.11ax Super Wi-Fi AP/CPE

Quick Setup Guide

Version 0.1



Introduction

Thank you for purchasing the Altai C260 product. This guide provides instructions to install the product and set it up as AP with minimal effort.

Package Contents

C260 Main Unit	Х	1
Screws	Х	4
Cable Tie	Х	2







Hardware Overview

LED Indicator



Power/Booting	0	Off	AP Powered Off
Status	-òʻ-	Flashing	AP Booting Up
		Solid	AP Boot Up Finished and Ready for Service
2.4G Radio		Solid	1. AP Mode on but with no Client Association; OR
Enabled Only			2. Station Mode on but not connected to Remote AP; OR
(AP/Station/			3. Repeater Mode on but not connected to Remote AP
Repeater)	-ờ́-	Alternate Flashing	Data Transmitting/Receiving
5G Radio Enabled		Solid	1. AP Mode on but with no Client Association; OR
Only			2. Station Mode on but not connected to Remote AP; OR
(AP/Station/			3. Repeater Mode on but not connected to Remote AP; OR
Repeater/Bridge)			4. Bridge Mode on but not connected to Remote Peer
	-ờ́-	Alternate Flashing	Data Transmitting/Receiving
2.4G and 5G		Solid White	AP/Station/Repeater/Bridge Mode on but with no
Radios Enabled			connection with Client/Remote AP/Remote Peer
(AP/Station/	-ờ́-	Alternate Flashing	Data Transmitting/Receiving on 2.4G, but
Repeater/Bridge)			no connection with Client/Remote AP/Remote Peer for 5G
	-ò́-	Alternate Flashing	Data Transmitting/Receiving on 5G, but
			no connection with Client/Remote AP/Remote Peer for 2.4G
	-ờ́-	Alternate Flashing	Data Transmitting/Receiving on both 2.4G and 5G





Ethernet Port DC Power Jack and Reset Button



Reset Ethernet Ethernet Button Port (ETH1) Port (ETH0)

DC Power Jack

Ethernet Port:

ETH0 can to connect to 802.3af or 48VDC to 56CDV power source (PoE) and provides 10/100/1000 Mbps network interface for LAN (ETH1) and WAN (ETH0) connection.

DC Power Jack:

Option to connect to DC power source of 12VDC/1.25A as another power option.

Reset Button:

It serves two functions:

- Reboot: Press and hold the Reset Button for <u>2-3 seconds</u> <u>until the LED blinks once</u>.
- Factory Reset: Press and hold the Reset Button for <u>5-8</u> seconds until the LED blinks twice consecutively.





Setup Requirements and Preparation

- A computer with Web Browser: Google Chrome, Mozilla Firefox, or Microsoft Internet Explorer 8 (or above)
- Two Cat 5e/6 Ethernet cables
- 802.3af-compliant PoE switch
- AltaiCare account (Optional) for cloud AP management and user service

Power Options and Cable Connection Instructions

Option 1: 802.3af-compliant PoE switch



- 1. Connect the C260 Ethernet port to an 802.3af-compliant PoE switch with an Ethernet cable.
- 2. Connect a computer to the switch.
- 3. Make sure the LED indicator turns into a solid light for AP configuration.

Option 2: DC Power Adapter



- 1. Connect the power adapter to the C260, then plug it into an AC outlet.
- 2. Connect a computer to the C260 with an Ethernet cable.
- 3. Make sure the LED indicator turns into a solid light for AP configuration.



1. Change TCP/IP Setting on Your Computer

For Windows 7 users,

 Go to Control Panel, click Network and Sharing Center and then choose the adapter that you want to connect to C260 unit. In this example, adapter "Local Area Connection" is in connection with C260. Click it and then click Properties.



- 2. Under the **Networking** tab, click **Internet Protocol Version 4 (TCP/IPv4)** in the list box "**This connection uses the following items**", and then click **Properties**.
- 3. Type in the following IP address and Subnet mask:
 - IP address: 192.168.188.2
 - Subnet mask: 255.255.255.0
- 4. Click OK to close the Internet Protocol Version 4 (TCP/IP) Properties dialog box and click OK again to close the Local Area Connection Properties dialog box.

Local Area Connection Properties	Internet Protocol Version 4	(TCP/IPv4) Properties
Networking Sharing	General	
Connect using:	You can get IP settings ass this capability. Otherwise, for the appropriate IP sett	signed automatically if your network supports you need to ask your network administrator ings.
Configure	 Obtain an IP address 	automatically
This connection uses the following items:	 Ouse the following IP a 	ddress:
File and Printer Sharing for Microsoft Networks Ekahau User Protocol Driver for NDIS 6	IP address:	192 . 168 . 188 . 2
Intel(R) Advanced Network Services Protocol	Subnet mask:	255 . 255 . 255 . 0
 ✓ Internet Protocol Version 4 (TCP/IPv4) 	Default gateway:	
✓	Obtain DNS server ad	ldress automatically
4	 Use the following DNS 	S server addresses:
Install Uninstall Properties	Preferred DNS server:	
Description Transmission Control Protocol/Internet Protocol. The default	Alternate DNS server:	· · ·
wide area network protocol that provides communication across diverse interconnected networks.	Validate settings upo	Advanced
OK Cancel		OK Cancel

Quick Setup Guide



2. Access to Web Interface

- 1. Open a web browser. Type **192.168.188.253** in the address bar and then hit **Enter**. Make sure you've set the PC IP address of the TCP/IP properties of the wireless network card to 192.168.188.X (X can be any number between 2 to 252)
- 2. Login page will come up and you are required to enter username and password. By default, the credentials are:
 - Username: admin
 - **Password**: admin
- 3. Click Login.

Internet Protocol Version 4 (TCP/IPv4) Properties	← → C ☆ A Not secure 192.168.188.253/desktop/views/login/login.html	🖻 🖈 🛤 🖪 🚺 🗄
General You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings. O Datain an IP address automatically O Use the following IP address: IP address: IP address: Subnet mask: 255 . 255 . 0 Default gateway:		English v
Obtain DNS server address automatically Obtain DNS server addresses Preferred DNS server: Alternate DNS server:	Input password	≻⊷ Login
Vajidate settings upon exit Advanced OK Cancel	Forgot Password ③ Version C260-AP-V2.0-Build20231122094343	



3. Configure AP Mode (2.4G/5G) Network Scenario ALTAI ISP C260 Gateway/Router Modem (AP Mode) Internet 2.4G + 5G Coverage Modem Ethernet Ethernet Cable Cable Cable

Go to Wizard

1. Make sure select AP Mode.

Super Wifi		88	₽
Home Wizard	Current Mode - Gateway Mode AP Mode		
Network Manage	In this mode, the AP wireless interface and cable interface are bridging together. Without NAT, firewall and all network related functions.		

2. By default it's in thin AP Mode page. You need to click the symbol in the upper right corner of the page to switch to fat AP mode.

	E C
Information IP Address	192.168.1.253
Subnet	255.255.255.0
MAC	7C:27:3C:08:40:DF
Gateway	0.0.0
AC Address	0.0.0 Q Poston Settings
Settings Connection	DHCP V



3. Fat AP mode front page as shown below:

Mode AF	P Mode	🔀 Fat AP	Flow(2G)		AP L	Ip Stream -O- AP Do	wn Stream -O-
me			1b				
2			06				
tard			06				
in .			06				
			0b 0b				
Veri Vark Uptime 0	12.52 12		00	11-36-38	11-2640	11-25-45	11-36-46
North Liptime 0	12:32:12		0b 0b 11:36:30	11:36:35	11:36:40	11:36:45	11:36:45
narik Liptime d nage	12 32 12 e info	R D	06 06 0 11:36:30 evice Description	11:36:35	11:36:40	11:36:45 20 WFI	11:36:45 56 WPi
aurk Uptime 0	12:32:12 e into		0b 0b 0 11:36:30	11:36:35	11:36:40 Statu: IP	11:36:45 20 WiFi Status	11:36:45 5G WFI On 1

4. Click the AP mode setting page, select "Get IP from AC", and select "Next".



5. Enter WiFi Configuration page and set the parameters as shown below:







4. Internet Access Setting and Status Check

Model APP Model Model APP Model Common Stream - Q- APP Description APP Up Stream - Q- APP Up Stream - Q- APP Description Implementation APP Up Stream - Q- APP Up Stream - Q- APP Description Implementation Interview Implementation Implementation Implementation Implementation Implementation Implementation Implementation Implementation Implementation Implementation Implementation Implementation Implementation Implementation Implementation Implementation I	-							
150re 150re <td< td=""><td>ଳି</td><td>Mode AP Mode</td><td>🖉 Fal AP</td><td>Flow(2G)</td><td></td><td>AP L</td><td>Ip Stream -O- AP Do</td><td>wn Stream -O-</td></td<>	ଳି	Mode AP Mode	🖉 Fal AP	Flow(2G)		AP L	Ip Stream -O- AP Do	wn Stream -O-
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Connection Static IP Status On 1 The Transmission Static	etwork	Uptime 02:32:12		0b 0 11:36:30	11:36:35	11:36:40	113645	11:36:45
1% Solo Position Settings Provide Solo Position Settings	etwork	Uptime 02:02:12		0b 0 11:36:30	11:36:35 Lan Info	113640	11:36:45 26 WP	11:36:45 3G WIFI
Subnot 255.255.255.0 Channel 6	etwork	Uptime 02.32.12		0b 0 11:36:30 Device Description	11:36:35	11:36:40 Ratic IP 190 (464 1 253	11:36:45 25 WFI 1 Status	11:36:45 56 WFI On 1
	work age	Uptime 02:02:12	33%) ©	0b 0 11:36:30 Device Description	11:36:35 R Lan Info Cremention IP Address Subtract Galeway	11:36:40 Pitatic IP 192:168:1253 265:252:250.0 0.0.0.0	11:36:45 2G WFI 1 Status SISID Channel Encrypt	11:36:45 56 WFI On 1 835_test 6 Open

- IP setting: After complete configuration, the wireless AP will restart and enter the working state you set. Set the PC's IP to obtain automatically. The PC and and other wireless device can connect to the upper level through the wireless AP to achieve internet access.
- 2. Status check: Manually set the IP address of the PC to 192.168.188. X to access management page of the wireless AP and view the status, as shown above.



5. Setting Management

		88	Ŀ
	Configure Timed Reboot Upgrade Time Manager Log		
Home	Restore Backup Reset Default		
ු	Restore		
Wizard	^		
Ca.			
WiFi	Urag the tife here, or Click on the upload		
8			
Network	Telnet (Enabling Teinet could be hacked, Use it carefullyf)		
◆			
Manage			
	Restore		

1. In Menu "Manage", you can backup, restore factory default, soft restart, modify web login password, firmware upgrade, time management and get system log, etc.

5. Other operation modes:

- 1. Gateway mode: ETH0 port has to connected to modem (ADSL/Fiber Optic) for dial-up internet access or dynamic or static IP address for internet access.
- 2. AP mode: NAT, DHCP, firewall and all WAN-related functions will be turned off . All wireless interfaces and wired interfaces are bridged together, without distinguishing between LAN and WAN.





Federal Communication Commission Interference Statement (FCC) – USA

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 36cm between the radiator & your body.

European Conformity (CE) – EU

This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

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Warning

C260 may require professional installation depending on the deployment scenario.

Only use 12VDC power adaptor or PoE rated 48VDC to 56VDC.

Operations in the 5.15-5.25 GHz band are restricted to indoor usage only.

Disclaimer

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