

Wireless Mesh Router

CE FC IC



High Performance



Easy Installation



Dedicated Backhaul



Scalability



Self-Healing



Load Balancing



Auto Configuration



Enriched Software

Technical Specifications

Hardware

CPU	Quad Core 717MHz
Memory	512MB DDR3L
Antenna Type	2T2R high-performance internal antennas (2.4GHz /5GHz)
LAN Port	1x Gigabit
WAN Port	1x Gigabit
AC Input Power Voltage	100V to 240V AC
Power Frequency	50Hz to 60Hz, single phase
Operating Temperature	-10°C to +50°C (+14°F to +122°F)
Storage Temperature	-40°C to +70°C (-40°F to +158°F)
Relative Humidity	5% to 95%
Dimensions	165 (W) x 135 (H) x 46.5 (D) mm
Weight	500 grams

Wireless

Wireless Standards	802.11a/n/ac 5GHz-1/ 5GHz-2, 802.11b/g/n 2.4GHz, simultaneous tri-band
Frequency and Data Rate	2.4GHz: 400Mbps 5GHz-1: 867Mbps 5GHz-2: 867Mbps
Wireless Security	WEP, WPA/WPA2-Personal, WPA/WPA2-Enterprise, Wi-Fi Protected Setup (WPS) 2.0
Seamless Roaming	802.11k/v/r standard support
Max. Number of Access Points in MESH	In all-wireless uplink environment: 1 central + 6 range expanders In all-wired uplink: 1 central + 12 range expanders
Max. Clients per Node	128 (30 recommended for better performance)
Other Wireless Functions	2.4GHz and 5GHz automatic band steering guest network

Features

Operating Modes	Wireless Mesh Router: Central and Range Expander modes Wireless AP
DHCP	DHCP Server, Client, Client list, MAC address reservation
Quality of Service	Dedicated bandwidth management
Port Forwarding	DMZ, UPnP
Network Tools	Ping, Traceroute
Security	IPv4, IPv6 Firewall / SPI firewall, auto block, denial of service (DoS) protection, VPN passthrough (PPTP, IPSec, L2TP), MAC address filter, website filter, IP block
IPv6 Support	IPv6 DHCP server / client, DS-Lite, 6in4, 6to4, 6rd, Dual-Stack, DHCPv6-PD, IPv6 Relay, FLET's IPv6
VPN Client	OpenVPN™
Backup Solutions	Backup and restore device configuration
Printer Protocols Support	LPR, CIFS, IPP
Advanced Functions	Policy route, static route, network address translation (NAT), SNMP, LAN/WLAN IGMP snooping, PPPoE relay

Certifications and Packaging

Standards	RoHS Compliant; compliant with CE, FCC, IC, RCM standards
Warranty	2 Years*
Package Content	1x XA2200 Wireless Mesh Router 1x AC Power Adapter 1x USB (Type-C) Power Cable 1x RJ45 LAN Cable 1x Quick Installation Guide



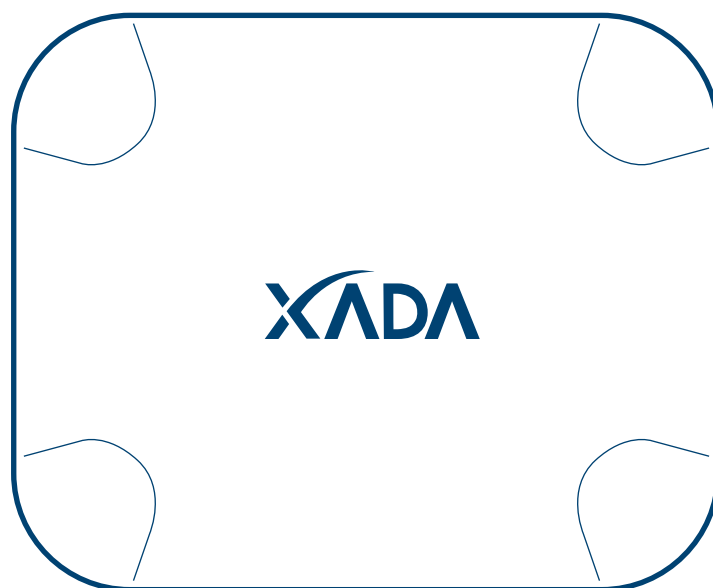
*The warranty period starts from the purchase date as stated on your purchase receipt.



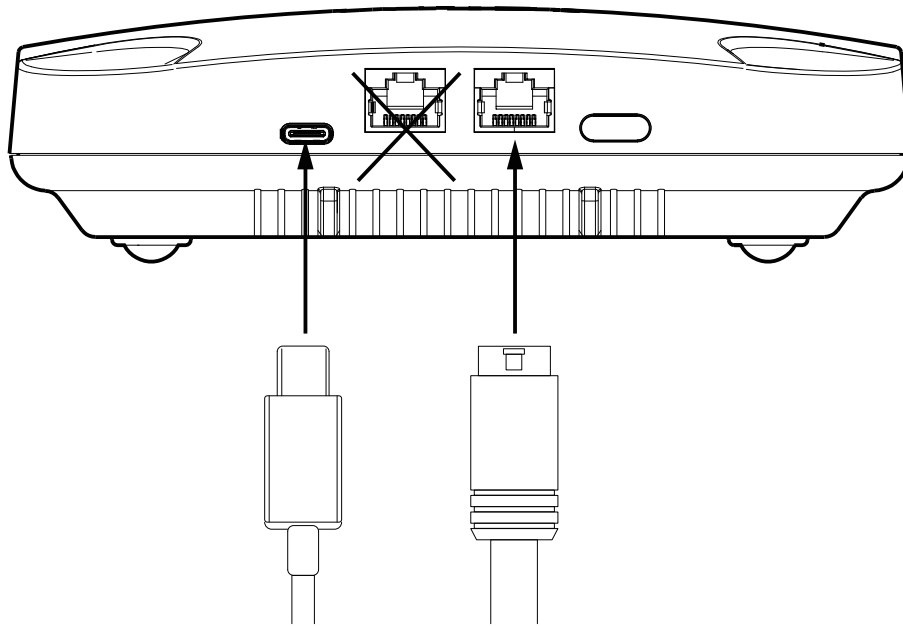
xada.tech

XA2200

QUICKSTART GUIDE



Step 1 - Connecting the Router



Connect to the power source (use only the included power adapter) and connect a LAN cable through the right connector directly to your computer, then go to the <http://192.168.100.1> page.

Step 2- Login

xa2200 - LuCI

Not secure | 192.168.100.1/xada/index

XADA

No password set!
There is no password set on this router. Please configure a root password to protect the web interface and enable SSH.
Go to password configuration...

LOGIN

root

* Password

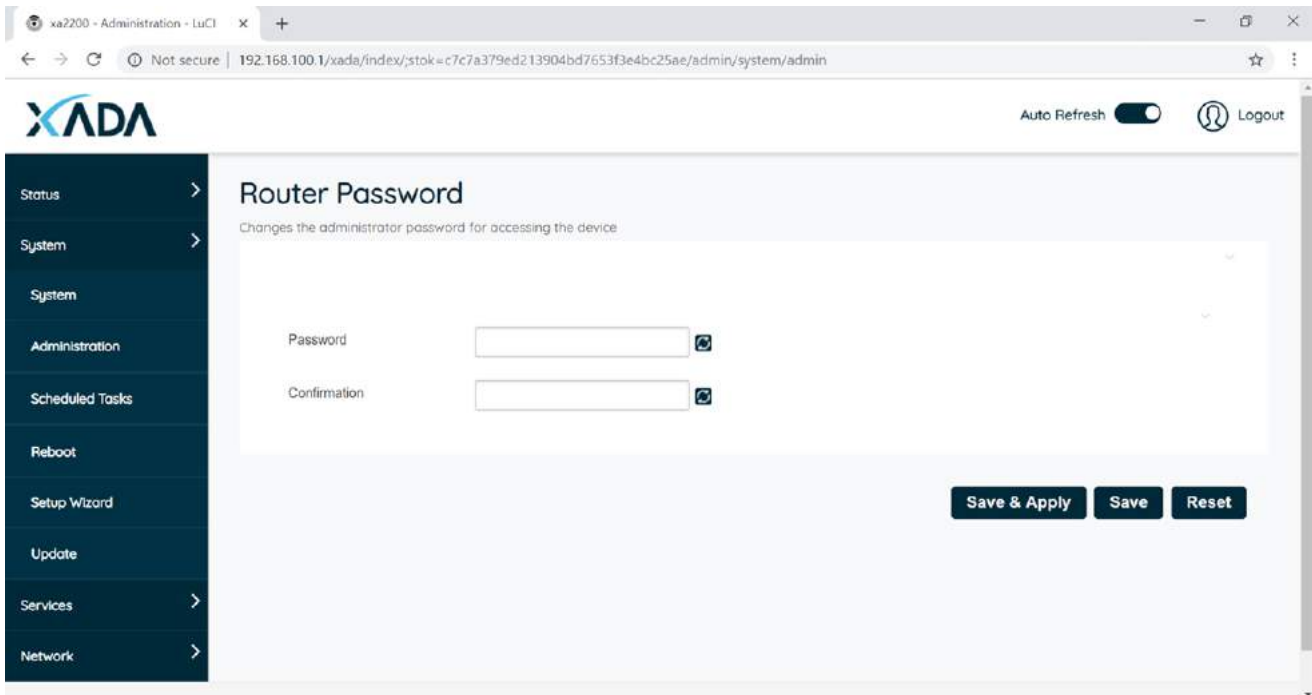
LOGIN

KEY: bo2o50p

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Locate the label on the bottom of your Xada device, type the KEY to log in to the product management interface.

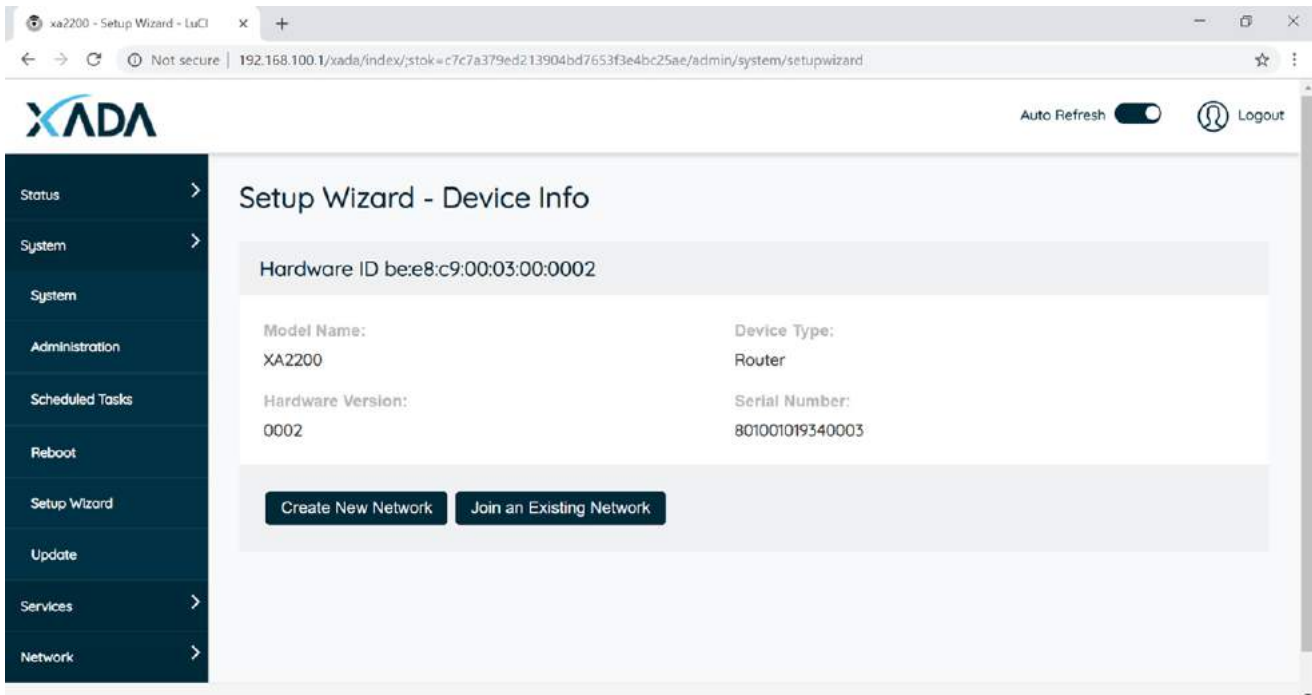
Step 3- Password Configuration



The screenshot shows a web browser window with the URL `192.168.100.1/xada/index/stok=c7c7a379ed213904bd7653f3e4bc25ae/admin/system/admin`. The page title is "Router Password" and it includes the XADA logo and "Auto Refresh" and "Logout" options. A left sidebar contains navigation items: Status, System, Administration, Scheduled Tasks, Reboot, Setup Wizard, Update, Services, and Network. The main content area has the heading "Router Password" and the instruction "Changes the administrator password for accessing the device". It features two input fields: "Password" and "Confirmation", each with a checkmark icon to its right. At the bottom right, there are three buttons: "Save & Apply", "Save", and "Reset".

For future network management enter your secure password on every Xada unit.

Step 4 – Enter Setup Wizard



The screenshot shows a web browser window with the URL `192.168.100.1/xada/index/stok=c7c7a379ed213904bd7653f3e4bc25ae/admin/system/setupwizard`. The page title is "Setup Wizard - Device Info" and it includes the XADA logo and "Auto Refresh" and "Logout" options. A left sidebar contains navigation items: Status, System, Administration, Scheduled Tasks, Reboot, Setup Wizard, Update, Services, and Network. The main content area displays device information: "Hardware ID be:e8:c9:00:03:00:0002", "Model Name: XA2200", "Device Type: Router", "Hardware Version: 0002", and "Serial Number: 801001019340003". At the bottom, there are two buttons: "Create New Network" and "Join an Existing Network".

For your first Xada unit, select **Create New Network**, and go to Step 5. For additional Xada unit(s) select **Join an Existing Network**, and skip to Step 6.

Step 5 – Create New Network

(FOR YOUR FIRST XADA UNIT)

The screenshot shows a web browser window with the URL `192.168.100.1/xada/index/stok=c7c7a379ed213904bd7653f3e4bc25ae/admin/system/setupwizard`. The page title is "Setup Wizard - Create new network". On the left is a dark sidebar menu with items: Status, System, System, Administration, Scheduled Tasks, Reboot, Setup Wizard, Update, Services, and Network. The main content area has a "Back" button and a "Set Up Wi-Fi Network" section with four input fields: "Network Name (SSID)", "Password", "Confirm Password", and "Select Country". Below this is a "Set Up Your Operation Mode" section.

Type your desired wireless network name (SSID), password and confirm your country.

Step 6 – Join an Existing Network

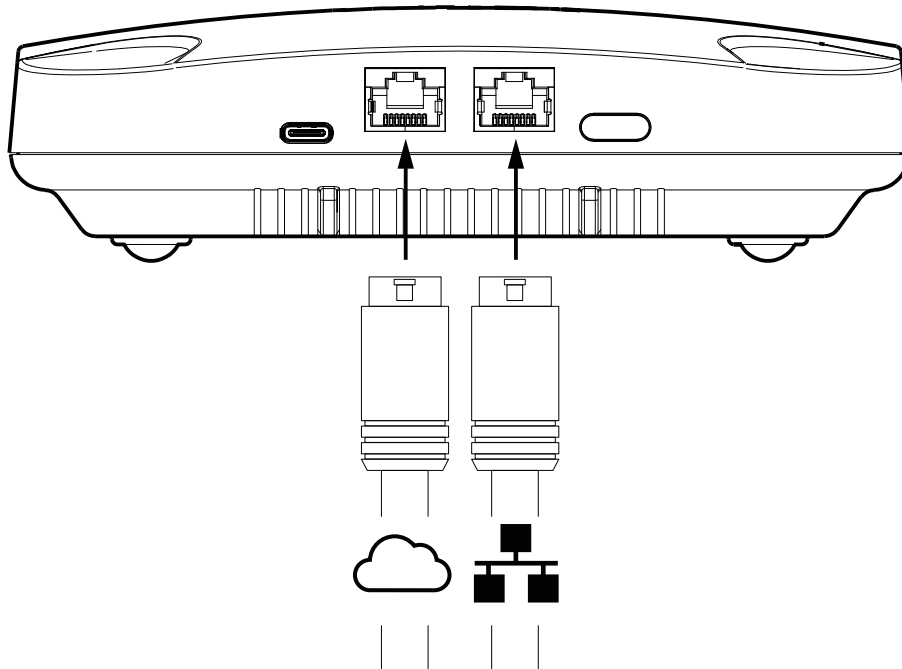
(FOR ADDITIONAL XADA UNIT)

The screenshot shows a web browser window with the same URL as Step 5. The page title is "Setup Wizard - Join an Existing Network". The sidebar menu is identical. The main content area has a "Back" button and a "Join Wi-Fi Network" section with two input fields: "Network Name (SSID)" and "Password". A "Next" button is located at the bottom right of the form area.

For additional Xada unit(s) please enter the identical network and password as your first Xada unit.

Step 7 - Network Connection Guide

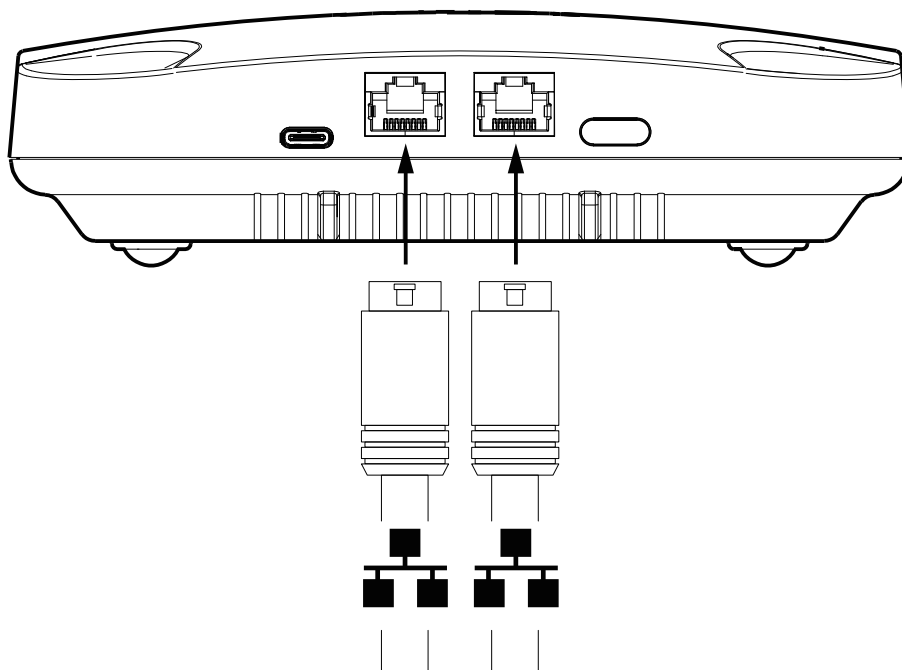
(FOR YOUR FIRST XADA UNIT)



Your main Xada unit must connect the left connector to your internet gateway, and the right connector to your corporate LAN network.

Step 8 - Network Connection Guide

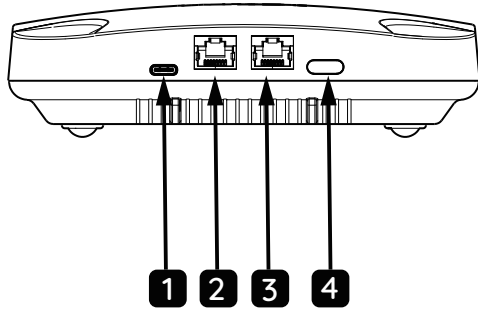
(FOR ADDITIONAL XADA UNIT)



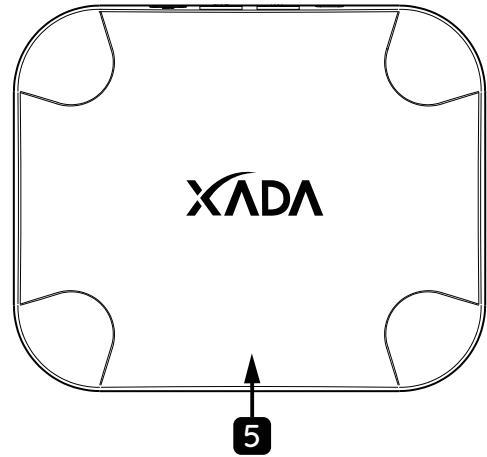
Your additional Xada units - please connect your corporate LAN network cable either to the left or to the right connector. Your additional units may also operate as wireless network expanders.

Product Overview

Front view:



Top view:



No.	Description	No.	Description
1	Power Input connector	4	Reset button
2	LAN RJ45 connector	5	LED Light indicator
3	LAN RJ45 connector		

FCC Radio Frequency Interference Warnings & Instructions

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.

No Unauthorized Modifications: Do not make any changes or modifications to this product without the prior express written approval of Xada Technologies Ltd. Any changes or modifications made without express written approval could void the user's authority to operate this product.

Note: 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 or more 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.
- Contact sales@xada.tech or an experienced radio/TV technician for help.

FCC Guidelines for Human Exposure

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

FCC Information for User

This device does not contain any user serviceable components and is to be used with approved antennas only. Any product changes or modifications will invalidate all applicable regulatory certifications and approvals.

This device and its antenna(s) must not be co-located or operated in conjunction with any other antenna or transmitter.

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

For product available in the USA market, only channel 1-11 can be operated. Selection of other channels is not possible.

Industry Canada

"This Class B digital apparatus complies with Canadian ICES-0031"/ "Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada"

"This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference and (2) this device must accept any interference, including interference that may cause undesired operation of the device"/ "Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement"

Industry Canada Radiation Exposure Statement

IMPORTANT NOTE: "This equipment complies with IC radiation exposure limits"/ "Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies"

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The radio transmitter has been approved by Industry Canada to operate only with the antenna(s) supplied. Use of any other antenna(s) is strictly prohibited for use with this product.

L'émetteur radio a été approuvé par Industrie Canada pour fonctionner uniquement avec l'antenne(s) fournie. L'utilisation de toute autre antenne(s) est strictement interdit d'utiliser ce produit.

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