



Model: Nx 96

3CX[®]

APPLIANCE

QUICK START

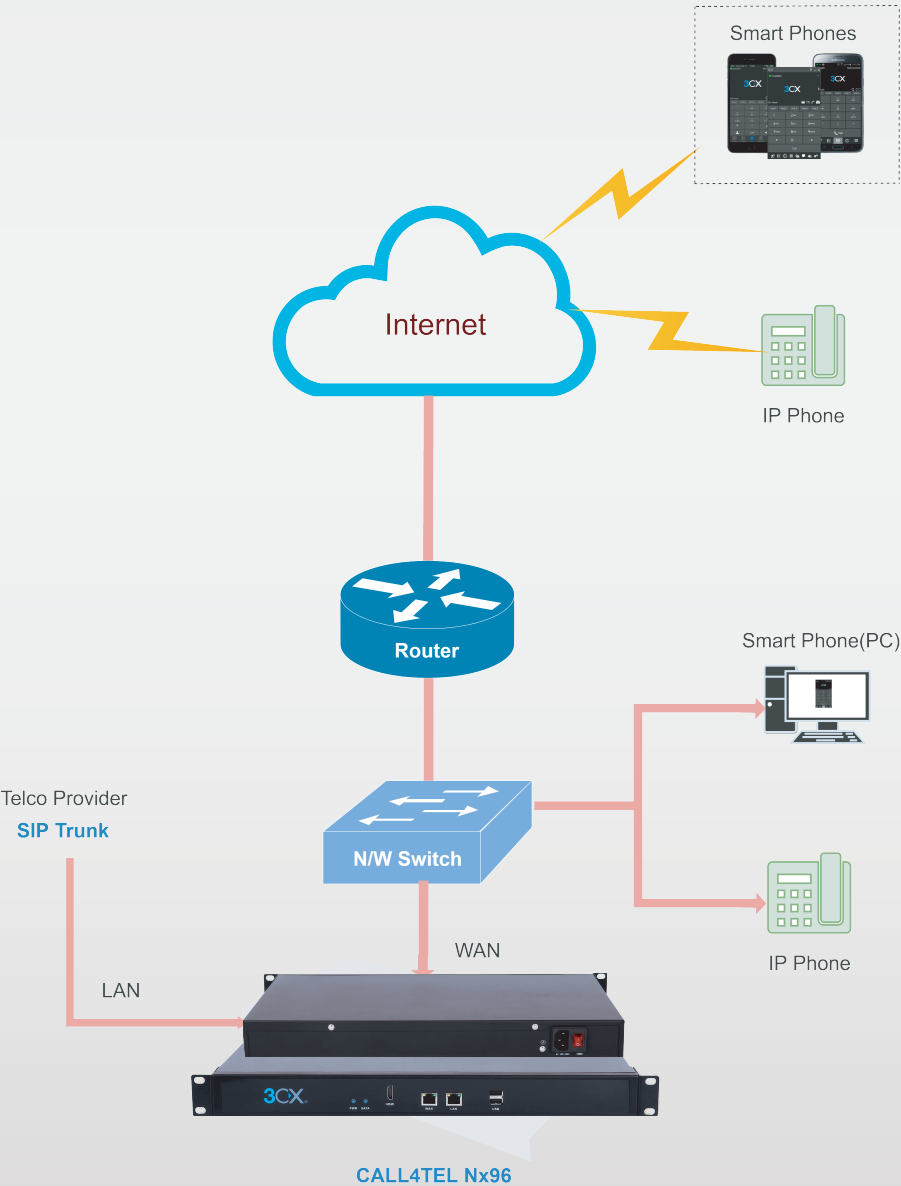


BREAK FREE
WITH A SOFTWARE BASED PBX

STEPS



CALL4TEL NX96 DIAGRAM - CONNECTION PROCEDURE



STEPS

On this topic

- Step 1: Web Access
 - Step 2: IP Configuration
 - Step 3: Allow IP in Firewall
 - Step 4: SIP Connect - Allow static route
 - Step 5: 3CX Licensing
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01 Web Access

1.1 URL

WAN	<your ip>:5448
LAN	http://192.168.101.1:5448

1.2 To Access device

WAN	<p>1) Connect WAN to DHCP Network</p> <p>2) WAN gets the IP from DHCP Network to find IP. Download Call4tel NX Detector tool in the link below.</p> <p>Download Link: http://update.call4tel.com/detector/NX96_DETECTOR.zip</p> <p>Once the IP address found proceed with URL:</p> <p>URL: <a href="http://<your ip>:5448">http://<your ip>:5448</p> <p>Mandatory: Set the WAN IP (the one which is connected to the internet and the network with all the phones) to be static.</p>
LAN	http://192.168.101.1:5448

1.3 Connect the WAN port to your Switch or Router, using the (included) network cable.

1.4 **URL:** <http://<your ip>:5448>



STEPS

- 1.5
- Enter username & password
- Username : root

Password : 3cx

Username

Password

Login

02 IP Configuration

LAN

- 2.1
- By default, "**Obtain IP address automatically**" will be enabled and the system will obtain IP address automatically.
- 2.2
- By selecting "**Use the following IP address**", the system will be enabled to update a custom LAN IP Address.

Version 1.228

IP CONFIGURATION

FIREWALL

SIP CONNECT

3CX

WARRANTY

CONTACT US

☐ Obtain an IP address automatically

☒ Use the following IP address

LAN

Update IP Details

Address

192

168

101

1

Netmask

255

255

255

0

Gateway

192

168

101

1

Update Lan

WAN

- 2.3
- By default, "**Use the following IP address**", the system will be enabled to update custom WAN IP Address.
- 2.4
- By selecting "**Obtain IP address automatically**" the system will obtain an IP address automatically.

☒ Obtain an IP address automatically

☐ Use the following IP address

WAN

Update IP Details

Address

Netmask

Gateway

Update Wan

STEPS

DNS Information


2.5 By default “DNS” will be obtained automatically.


DNS

DNS 18888

Update IP Details

Login to 3CX installation wizard

 http://192.168.101.1:5015

 http://172.16.8.221:5015

Update DNS

03 Allow IP in Firewall

You can allow IP in Firewall (External access for port 5448) by selecting any one option

- Allow All:** Allow all ip address
- Allow IP:** Allow only specific ip address
- Allow IP Range:** Allow specific ip address with range
- Firewall changes:** Can delete IP address added

IP CONFIGURATION


FIREWALL

SIP CONNECT

3CX

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You can allow IP in Firewall (External access for port 5448) by selecting any one option

☒ Allow All

☐ Allow IP

☐ Allow IP Range

Allow IP

(in Firewall)


(OR)

/

Firewall Changes

☐

Ip range 172.16.8.0/24 added - on 2019-07-23 04:31:12



Refresh

Update

04 SIP Connect - Allow static route

If you need to add a Static route, select “**Static route**” to update

Allow IP: Allow only specific ip address with either LAN or WAN

Allow IP Range: Allow specific ip address in range either LAN or WAN

Version 1.22

IP CONFIGURATION

FIREWALL

SIP CONNECT

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☐

Static Route

☐

Allow IP

☐

Allow IP Range

☐

Lan

☐

Wan

Destination IP

(SIP Server)

(OR)

/

Refresh

Need to delete IP Address added?

Click on delete button in “**Route Changes**” to delete the record

Route Changes

IP 121.12.323.32 added - on 2019-07-23 02:39:03

STEPS

05 3CX Licensing

Are you planning to install or reset 3CX and network?

- Latest 3CX Version:** Show 3CX latest version
- 3CX Uninstall:** Click to uninstall 3CX
- Call4tel Reset:** Click to reset call4tel NX device
- Network Reset:** Click to reset network
- 3CX Wizard Reset:** Click to reset 3CX
- Reset All:** Click to reset all settings
- Power off:** Click to Switch off your device
- Reboot:** Click to Reboot your device

IP CONFIGURATION

FIREWALL

SIP CONNECT

SETTINGS

WARRANTY

CONTACT US

I would like to use call4tel device as following

✓

3CX

SBC

3CX Settings

Latest version

3CX uninstall

Call4tel Reset

Network Reset

3CX wizard Reset

Reset All

Power Off

Reboot

Need to check your 3CX version?

At all-times, the installed 3CX version will be displayed here.

3CX Information

3CX installed on NX32 :- V 16.0.2.910

STEPS

06 Configure SBC

Are you planning to change 3CX to SBC?

Select SBC and then click “**Change**” to change device from 3CX to SBC

IP CONFIGURATION

FIREWALL

SIP CONNECT

SETTINGS

WARRANTY

CONTACT US

I would like to use call4tel device as following

3CX

✓

SBC

Change

3CX Settings

Latest version

3CX uninstall

Call4tel Reset

Network Reset

3CX wizard Reset

Reset All

Power Off

Reboot

Fill SBC Form and then click “**Confirm**” to change device from 3CX to SBC

SBC Form

Please enter your 3CX SBC details

3CX SBC Password

3CX Web Url

3CX SBC Authentication Key Id

Please press the Form to click on the device to install

Confirm

Cancel

STEPS

After updating from 3CX to SBC, you can update SBC settings as follows:

- Call4tel Reset:** Click to reset call4tel NX device
- Network Reset:** Click to reset network
- Reset All:** Click to reset all settings
- Power off:** Click to Switch off your device
- Reboot:** Click to Reboot your device
- SBC Uninstall:** Click to uninstall SBC
- SBC Config Update:** Click to update SBC Config

IP CONFIGURATION

FIREWALL

SIP CONNECT

SETTINGS

WARRANTY

CONTACT US

I would like to use call4tel device as following

3CX

✓

SBC

3CX SBC Settings

Call4tel Reset

Network Reset

Reset All

Power Off

Reboot

SBC uninstall

SBC Config Update


3CX SBC Information

3CX SBC: installed on NX32

STEPS

07 Profile

View / Update your profile




User name : root

[Modify Profile](#)

08 Need to change Password?

Enter current and new password and then click “**Change Password**”



User name : root

Current Password

New Password

[Change Password](#)

09 New version available

You will be notified once a new version is available. You can update by clicking the “**click here**” button

IP CONFIGURATION


FIREWALL

SIP CONNECT


3CX

WARRANTY

CONTACT US



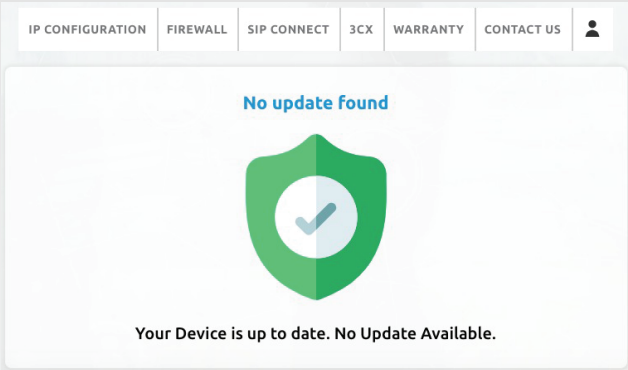
New update found



[Click here to update the app \(version 1.22\)](#)

10 After update

Once the update is complete, you will be notified that **"Your device is up to date"**.

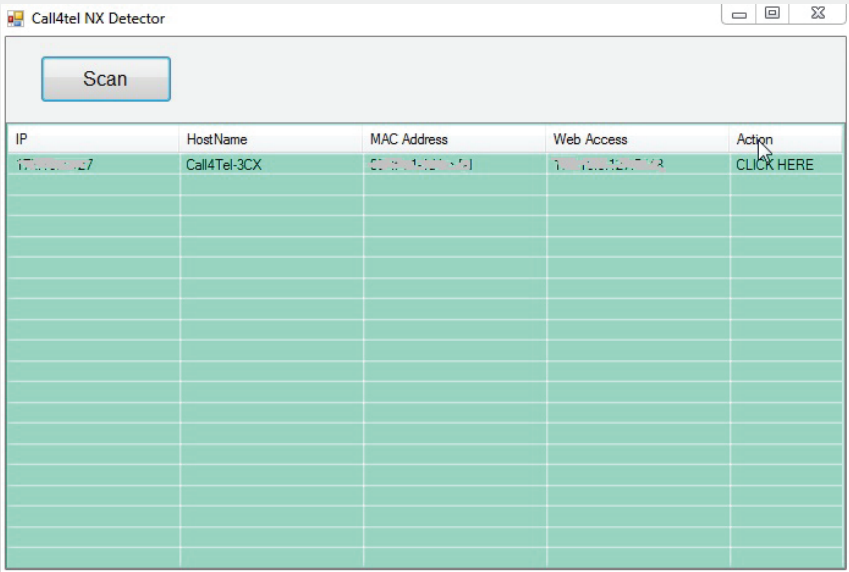


11 Indicators and Beepers

- a. When the power source is connected, you will hear a short beep which means, the system is powered up.
- b. When the system is started and ready, you will hear a long beep.
- c. A long press on RST button for 2-3 seconds and release, will ensure the system is powered off. You will hear four beeps as confirmation. The system is now successfully powered off..
- d. For reset - a long press on RST for maximum 8 seconds until you hear ten rapid beeps, resets the 3CX phone system & network settings and auto reboots to a fresh installation. Proceed to use the default IP address to access the setup interface.
- e. If the 12V power is disconnected or there is a sudden outage, the UPS battery residing inside is automatically triggered & executes the **"Power-off"** command to shut down the system safely, avoiding any data loss or system damage.

Additional Guide

Call4tel NX96 Detector: To detect a connected NX96 device in your network, **click here** to download



STEPS

How to obtain a License Key?

Step: 1 In order to get your 3CX license key, you need to fill in the form below and click the submit button to register your account.

URL: <https://www.call4tel.com/activation/>

Activation

Customer *

3cx partner id *

VALIDATE

Email *

Office Phone *

Address 1*

Address 2


City

State

ZIP Code

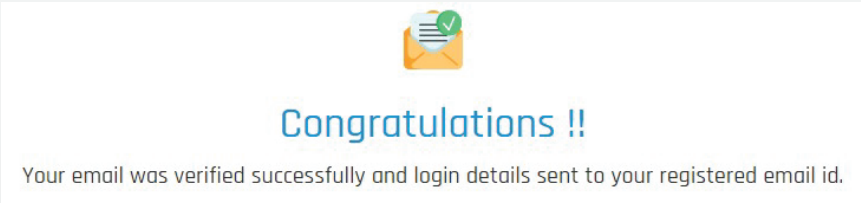
Country *

☐ I'm not a robot


reCAPTCHA
[Privacy](#) - [Terms](#)


SUBMIT

Step: 2 You will receive an email to confirm your email address.



Step: 3 Go to the Call4tel portal login area and enter your Username and Password and then click Login.

URL: <https://erp.cal4care.com/nx96/>



User Name

User Name

Password

Password

LOGIN

Do you want Reset?

STEPS

Step: 4 You can find the list of Licenses on the License Details page. In that window, click the “Add new” button to register a new license.

License Details

License Details

Information List

+

Add New

	S.no	Serial No.	MAC address 1	MAC address 2	License	Attachment	Action
<input type="checkbox"/>	1	14056045	00-14-22-01-23-45	07-84-98-87-00-30	xxxx-yyyy-zzzz		Upgrade
<input type="checkbox"/>	2	87048045	00-14-22-01-23-45	07-84-98-87-00-30	xxxx-yyyy-zzzz		Upgrade
<input type="checkbox"/>	3	47014657	00-14-22-01-23-45	07-84-98-87-00-30	xxxx-yyyy-zzzz		Upgrade

Step: 5 Enter your device serial number and mac address and click the “Get new license key”.

Add New

Enter Serial Number

Enter MAC Address 1

Enter MAC Address 2

Get New License Key

Close


Step: 6 You will receive an email with your 3CX License details.

STEPS


How to upgrade your License Key?

Step: 1 Go to the Call4tel portal login area and enter your username and password and click the “**Login**” button.


URL: <https://erp.cal4care.com/nx96/>



User Name

 User Name

Password

 Password

LOGIN

[Do you want Reset?](#)




Step: 2 You can find the list of License keys here. Click the “**Upgrade**” button to upgrade your license.

License Details

License Details

Information List

Add New

	S.no	Serial No.	MAC address 1	MAC address 2	License	Attachment	Action
<input type="checkbox"/>	1	14056045	00-14-22-01-23-45	07-84-98-87-00-30	xxxx-yyyy-zzzz		Upgrade
<input type="checkbox"/>	2	87048045	00-14-22-01-23-45	07-84-98-87-00-30	xxxx-yyyy-zzzz		Upgrade
<input type="checkbox"/>	3	47014657	00-14-22-01-23-45	07-84-98-87-00-30	xxxx-yyyy-zzzz		Upgrade

Step: 3 Select your available license and choose desired upgrade and then click “**Add to cart**” button.

License Upgrade

/ License Upgrade

Choose Plan

I would like to

Upgrade an existing license

License Key

Verify

Edition

Professional

Simultaneous Call

Choose value

View Cart

Add To Cart

STEPS

Step: 4 In the Cart Page you can see the upgrade details that you selected. After confirmation, click the **“Proceed”** button to progress to the payment page..

Cart Page

	Code	Description	Price (USD)	Qty	Discount (USD)	Amount (USD)
<input type="checkbox"/>	3CXPS	3CX Phone System Standard (32 Sim.calls) - 0 Year	10325.13	1	0.00 (0 %)	10325.13
<input type="checkbox"/>	3CXPS	Upgrade to 3CX Phone System Professional (128Sim.calls) (IDU7-X8FG-GS3N-ONXG) - 0 Year	10325.13	1	0.00 (0 %)	10325.13
<input type="checkbox"/>	3CXPS	Upgrade to 3CX Phone System Professional (256Sim.calls) (IDU7-X8FG-GS3N-ONXG) - 0 Year	10325.13	1	0.00 (0 %)	10325.13
Net Total						194985.86
Tax Value						0
Grand total						194985.86

Remove Selected

Proceed

Step: 5 Choose payment method and click the **“Proceed”** button to pay.

Payment Details

Payment Details

	Code	Particulars	Price (USD)	Qty	Discount (USD)	Total (USD)
<input type="checkbox"/>	3CXPS	3CX Phone System Standard (32 Sim.calls) - 0 Year	10325.13	1	0.00 (0 %)	10325.13
<input type="checkbox"/>	3CXPS	Upgrade to 3CX Phone System Professional (128Sim.calls) (IDU7-X8FG-GS3N-ONXG) - 0 Year	10325.13	1	0.00 (0 %)	10325.13
<input type="checkbox"/>	3CXPS	Upgrade to 3CX Phone System Professional (256Sim.calls) (IDU7-X8FG-GS3N-ONXG) - 0 Year	10325.13	1	0.00 (0 %)	10325.13
Net Total						194985.86
Discount Price						0
Tax Value						0
Transaction Charge						0
Grand Total						194985.86

Payment Terms

COD

Coupon Code

Enter Coupon Code

Choose payment method


Credit or Debit Card (PayPal)


Credit Card / Debit Card


Back

Proceed

Step: 6 You will receive an email with your 3CX License details.

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 www.call4tel.com