SIEMENS

CXG3.X200 with Edge OS V5.52 (or higher) Quick Install Guide

1 Before mounting and commissioning

IMPORTANT: Follow these instructions carefully to mount and connect the device. The complete installation documentation is available at https://www.siemens.com/bt/download → ID: **A6V12569497**.

2 Mount the device

2.1 Admissible mounting positions and ambient temperatures

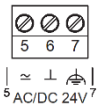
Admissible: -5...50 °C (23...122 °F)	**Ambient**: -5...45 °C (23...113 °F)
• Wall, horizontal – From left to right – From right to left	• Overhead • Wall, vertically – From top to bottom – From bottom to top • On a horizontal surface

3 Install the device

3.1 Requirements for the power supply

Operating voltage 24 V AC	AC 24 V -15 / +20 % (SELV / PELV) or AC 24 V Class 2 (US) 48...63 Hz
Operating voltage 24 V DC	DC 24 V -15 / +20 % (SELV / PELV) or DC 24 V Class 2 (US)
Functional ground (US) **Functional earth** ⏚	The terminal for the functional ground must be connected on the installation side to the building ground system (PE).

3.2 Connect the power supply



⚠ In case of **DC 24 V** power, observe the polarity. The device is protected against faulty wiring at AC/DC 24 V but will not work with wrong polarity.

4 Commission the device

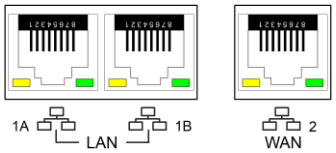
4.1 Connect the device to the network

1. The device can be connected in one of two different modes (for details, see Connect Gateway Cybersecurity guidelines, https://www.siemens.com/bt/download → ID: **A6V12604901**):

a) **Separate networks (recommended)** – the building automation network (BAN) is separate from other networks and internet access: Any of the LAN ports (1A/1B) connects to the BAN and the WAN port (2) to the internet. **IMPORTANT**: For security level 2 (SL-2) compliance, only separate network mode is admissible.

b) **Combined network** – the BAN uses a physical network with internet connectivity: Connect any of the LAN ports (1A/1B) to the shared network. The WAN port is not used.

2. Connect the X200 directly to a PC (or to the local network where it is located). Use port 1A or 1B.



3. Power on the device.
   Behavior of the LEDs during commissioning:
   a) On start-up, all LEDs light up briefly. Only LEDs marked RUN, CLOUD, APPS and SVC are used.
   b) **RUN**: Flashing red light during BIOS self-test, then steady green. Flashing green light while applications start.
   c) **CLOUD**: Steady blue when internet connection to the cloud has been established. If LED status changes from steady blue to flashing, an error has occurred. → Check the internet connection/router.
   d) **APPS**: Flashing green when applications are (re-)starting. Steady green if all applications work properly.
   e) **SVC**: Slowly blinking until the steps in section 4.2 have been completed. Steady red once the IP address 169.254.169.254 has been assigned.
   f) **SVC button** – **Double press**: The IP address 169.254.169.254 will be assigned to the LAN port for a duration of 15 min. **Long press** – press button and release when the RUN LED is steady green (this may take up to 30s): A factory reset will be performed. All configuration data and installed applications will be deleted.

4.2 Connect client PC to the device

1. Assign a local IP address with a double press on the SVC button as described in 3e/f. Enter the URL **https://169.254.169.254** in the address bar of a browser. It is recommended to use Google Chrome or Mozilla Firefox.

Note: If the browser fails to connect to the web server, try to manually set the IP address on the PC in the range 169.254.169.200/24 (e.g. to override an IP address assigned by DHCP).

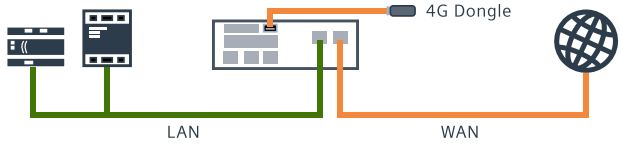
Note: The encrypted HTTP traffic on the local connection may cause a security warning in the browser - acknowledge the warning (accept the risk) and continue by adding a security exception.

Note: The client PC can access the device over a LAN connection using a discovery protocol (LLMNR is enabled by default, mDNS can be enabled with EdgeOS V5.52 or higher). Add **https://** followed by the device's hostname (ConnectX200-<serial number>) in a browser address bar. The client PC must support the protocol used.

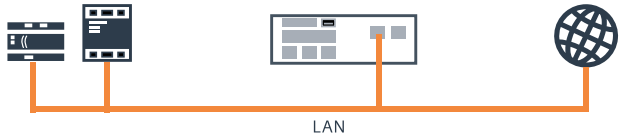
4.3 Set password and select network mode

1. Log in with the default username 'admin' and password 'admin'.
2. On the web client landing page, accept the terms of use (EULA).
3. Change the default password. Choose a new password containing at least 8 characters with uppercase and lowercase, numeric, and special characters.
4. Select the network connection mode as shown on the screen:

Separate networks (recommended)



Combined network



The indicators **Cloud Connection** and **Registration State** now display "Online" and "Operational," respectively. The SVC LED turns steady red.

Note: After selecting the network mode, it can only be changed by first clicking **Maintenance** > **Reset Configuration** or by performing a factory reset.

4.4 Activate the device

1. Go to the Devices application (https://eu.buildingx.siemens.com) to complete the activation of the device. Enter the name and the location of the Connect X200 site.
2. Copy the activation key from the X200 user interface (**Operation** > **Activation key**) to the Devices application by pasting it into the designated field (**Sites** > **Add**) and clicking **Validate**. Fill in any custom data and click **Add**.

Note: Device information is contained in the QR-code displayed on the device user interface.

5 Third-party software information

This product, solution or service ("Product") contains third-party software components. The complete third-party software information is available at https://www.siemens.com/bt/download → ID: **A6V11940756**.
All open source software components used within the product (including their copyright holders and the license conditions) are contained on the web server, URL: https://169.254.169.254/licenses/ or https://<hostname>/licenses.

Connect Gateway Engineering guide, Edge OS V5.52 (or higher), https://www.siemens.com/bt/download → ID: **A6V12569497**

Connect Gateway Cybersecurity guidelines, https://www.siemens.com/bt/download → ID: **A6V12604901**

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