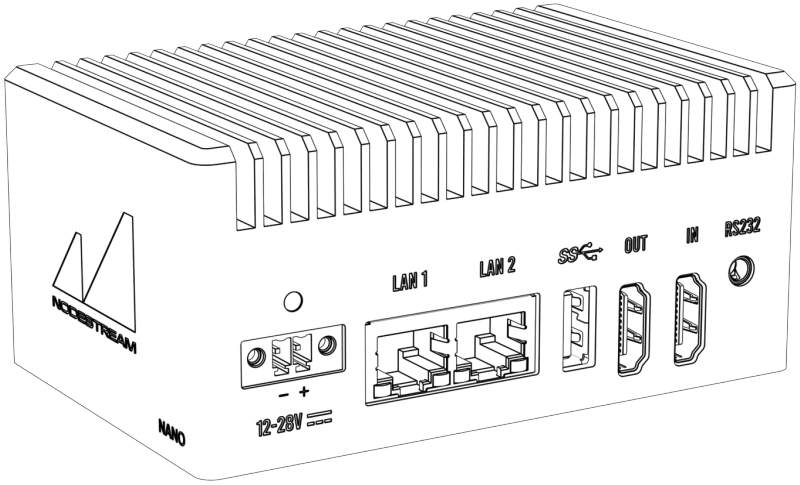
NODESTREAM

NANO

Quick Start Guide



Live

Overview

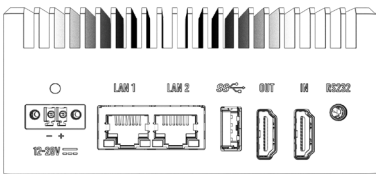
Welcome to Nodestream Nano

Please read these instructions carefully before using this product, and save this quick start guide for future reference. See the User Manual for full details via the QR code on the back page.

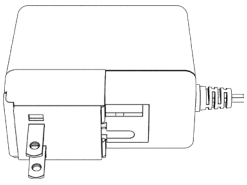
Features

- 16 x video streams (Nodestream Live)
- 4 x video streams (Nodestream X)
- Audio and data channels (Nodestream X)
- Low power consumption
- Native HDMI input
- Native RS232 serial input
- Low power consumption
- Wide input voltage range

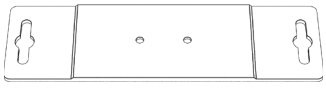
In the Box



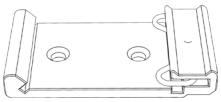
Nodestream Nano



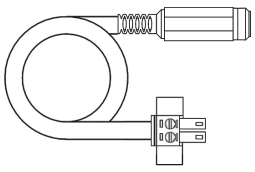
AC/DC PSU



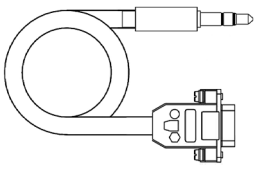
Surface Mount



DIN Mount

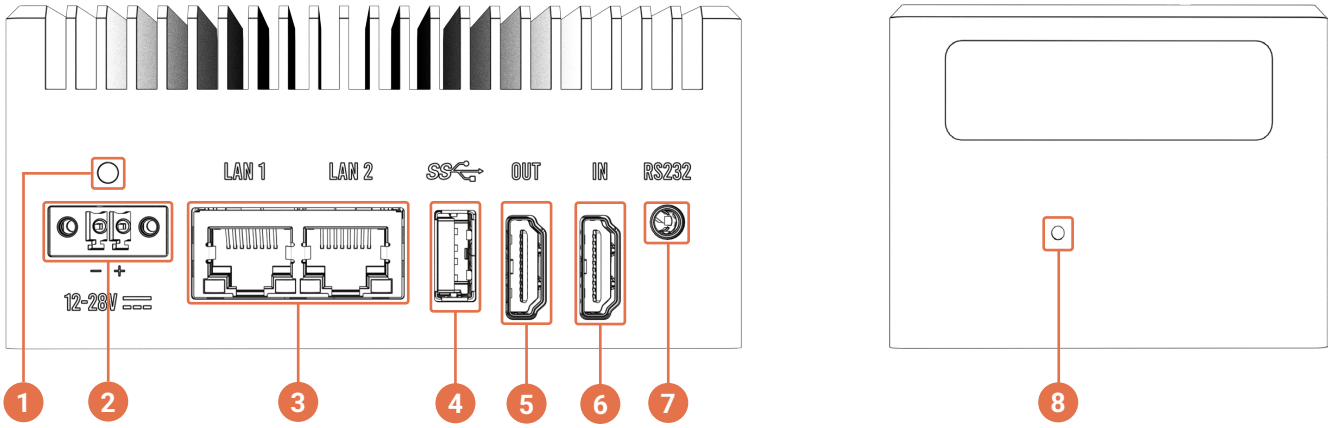


Power Cable
(2pin to 2.5mm Barrel)



Serial Cable
(3.5mm to DB9)

Connections / UI



1 Status LED
RGB LED to indicate system status

BLUE - System start **GREEN** - Solid (streaming), Flash (idle) **RED** - Network/server issue

2 Power Input
12-28VDC

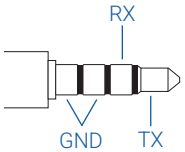
3 LAN 1
Primary interface for connection to your WAN
LAN 2
Secondary interface for connection to networks sources that differ to the primary

4 Connection of peripherals such as keyboard/mouse, camera

5 HDMI OUT
Display output

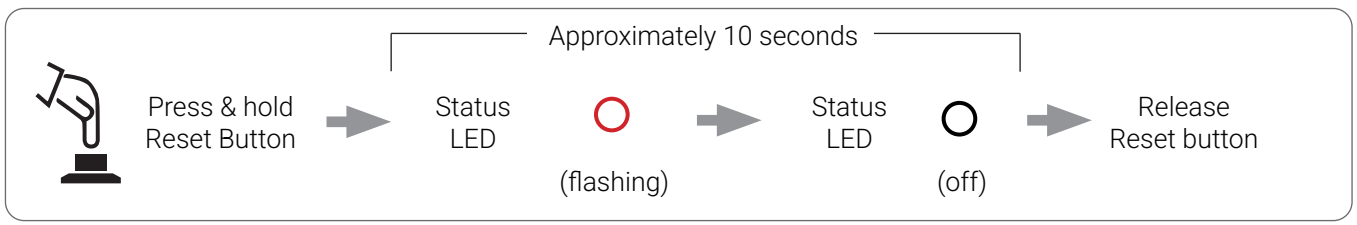
6 HDMI IN
Video source input

7 RS232 Serial
3.5mm TRRS (/dev/ttyTHS0)

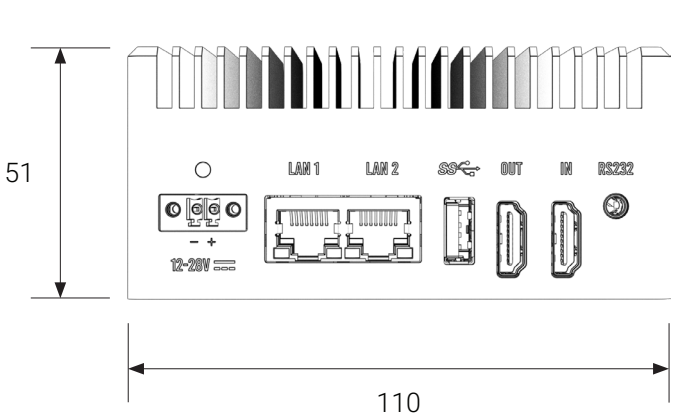


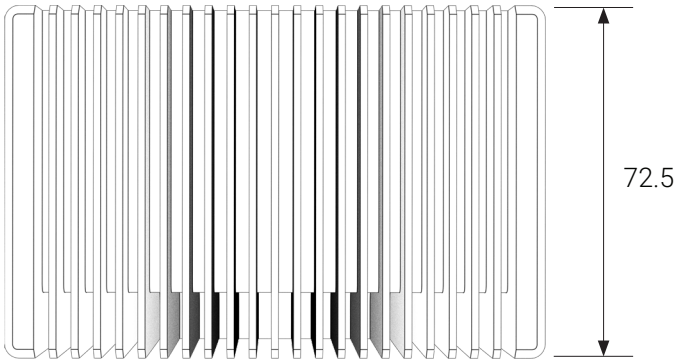
8 Reset Button
Restart Device - Press 2 seconds & release

Factory reset device



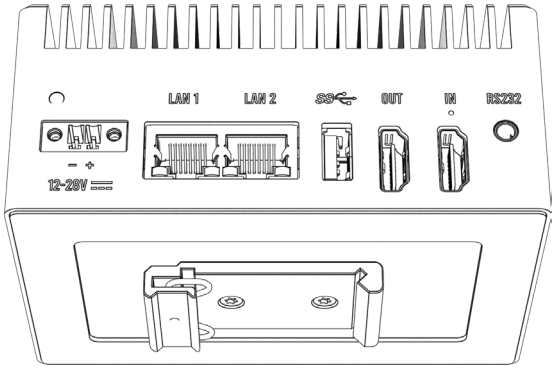
Dimensions

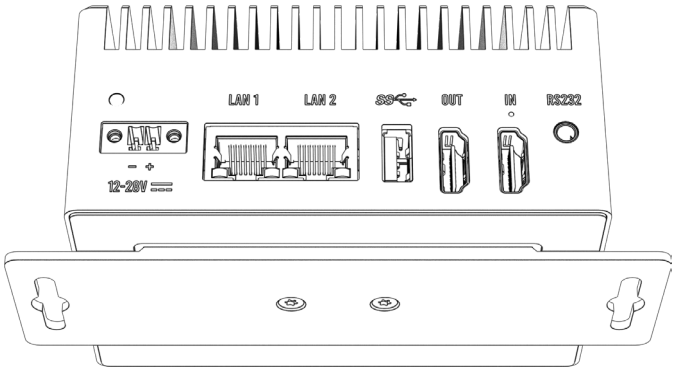




Installation

Freestanding or mounted using either the supplied DIN or surface mount adapter.





- Ensure adequate space around heat sink for cooling
- For ambient temperatures exceeding 50°C, 0.5m/s of airflow across the heatsink is required

Web Interface

1. Access the Web Interface

Via a computer on the same network

DHCP Enabled Network

From the web browser of a PC connected to the same LAN, navigate to:
device serial.local - e.g. au2518nsnx2a012.local, or the IP address of the device

Non DHCP Enabled Network

Configure the IPv4 network settings of a PC connected to the same LAN to:

IP	192.168.100.102
Subnet	255.255.255.252
Gateway	192.168.100.100

From a web browser, navigate to: 192.168.100.101

- Device will “fall back” to a static IP address when not connected to a DHCP enabled network - approximately 30 seconds after boot
- Due to the possibility of conflicting IP addresses, only 1 device can be configured at a time. Once configured, the device can remain connected

On the device

Press **alt+F1** on a connected keyboard

2. Login in - username & password = admin
3. Configure your network
4. Select device mode and configure your server on the “System” page

Once registered to a server, your device will need to be added to a group

Live

Add your device to your Organization via the web portal

- Refer to the device User Manual for more information
- Add and manage inputs via you Nodestream X control application or NSLive portal

- Your WAN **MUST** be connected to LAN 1 of your device
- Nodestream devices require specific firewall settings to be in place. Refer to the User Manual for further information

User Resources

Contact and Support
support@nodestream.tech

Troubleshooting

Issue	Cause	Resolution
Device not powering	DC not connected	Confirm supply is connected and turned on
	Incorrect polarity	Confirm power input cable is connected correctly
	Faulty or incompatible supply	Test with alternative supply
		Ensure supply voltage meets required specifications, refer User Manual
Nodestream X "Server Connection Error" **Nodestream Live** "Could not resolve hostname" Status LED RED	Network not connected	Check Ethernet cable is connected
	Network settings incorrect	Check network settings, contact your Network administrator to diagnose network
	Firewall blocking comms	Ensure Firewall settings correct, see User Manual
	Not registered to server	Register device on your Nodestream server
No video input	Sources not connected, powered on or correctly configured	Confirm sources connected and powered on, refer User Manual for configuration
Forgot login or network details	N/A	Factory reset to defaults (refer "Connections / UI" on page 3)

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