



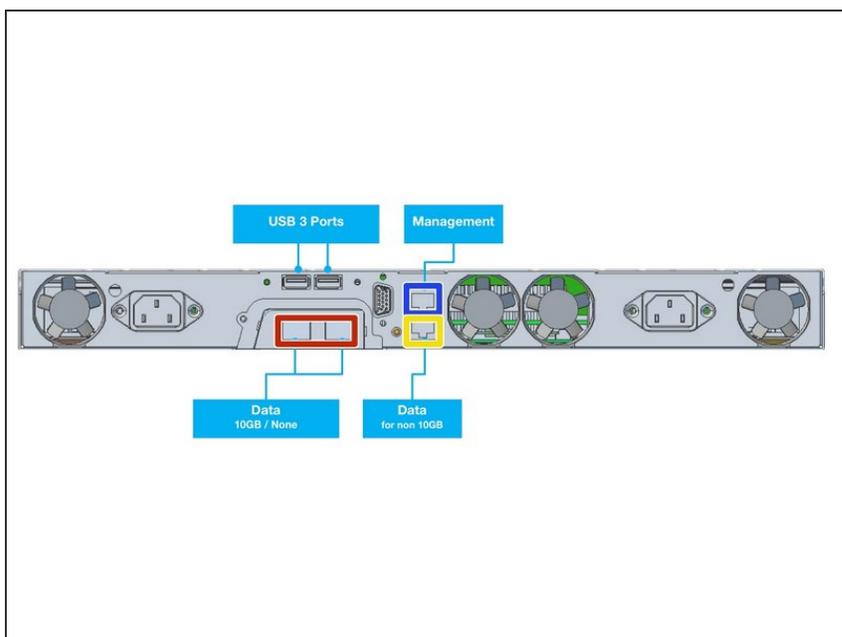
G2000 putting into operation

This manual is supposed to guide you through the process from unpacking to setting the IP addresses.

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Step 1 — Connect network cables

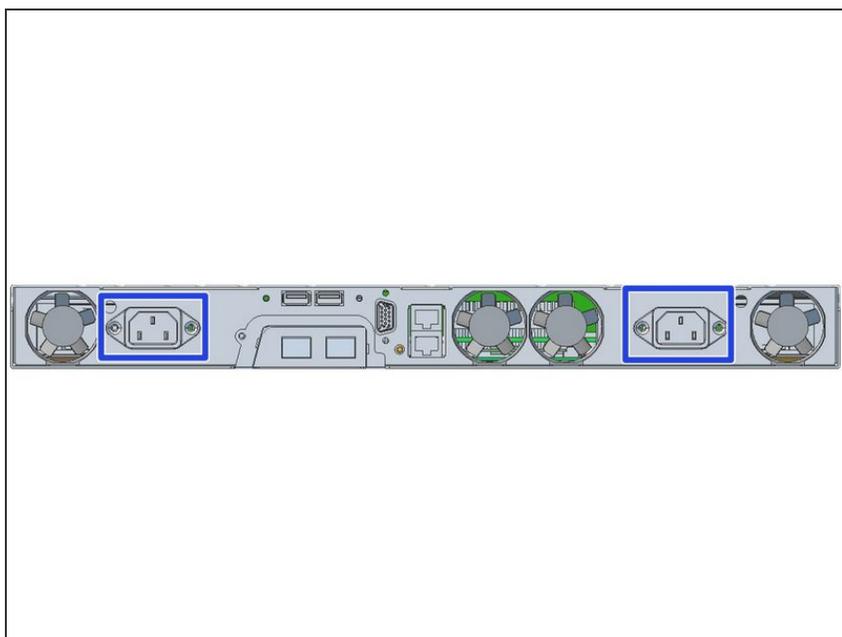


⚠ Management and Data **must not** be in the same subnet

i Management and Data may be combined to one interface later

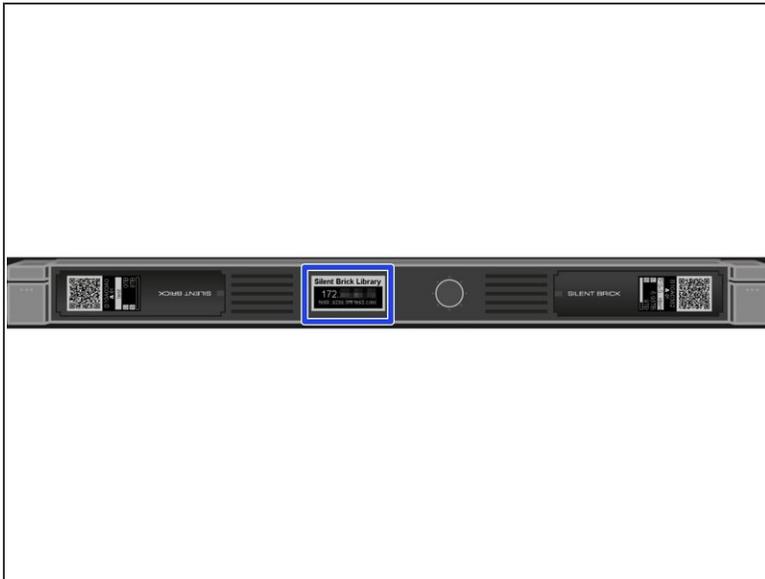
- Connect 1GB Ethernet to Management port for Configuration via WebUI
- Connect Ethernet cable to data port.
 - Internal interface if no external card equipped
 - External 10GB card if equipped

Step 2 — Connect power supply



- Start up your system by connecting the power cables

Step 3 — Receive the IP Address



```

FAST LTA                               System Summary                               Build
* System Type:                          Silent Brick UM
* Default gateway:                       172.168.1.1
* Management NIC:                        DHCP, Link on enp3s0 with 10000 Mbit/s
  IP addresses:                          172.168.1.1 ; fe80::250:56ff:fe04:5223/64
  MAC address:                           00:50:56:a4:52:23
* Shelf NIC:                             static, Link on enp1s0 with 10000 Mbit/s
  IP addresses:                          fe80::250:56ff:fea4:5223/64
  MAC address:                           00:50:56:a4:52:23
* Data NIC:                              DHCP, Link on enp19s0 with 10000 Mbit/s
  IP addresses:                          172.20.1.1 ; fe80::250:56ff:fe04:5223/64
  MAC address:                           00:50:56:a4:52:23
[ ok ]

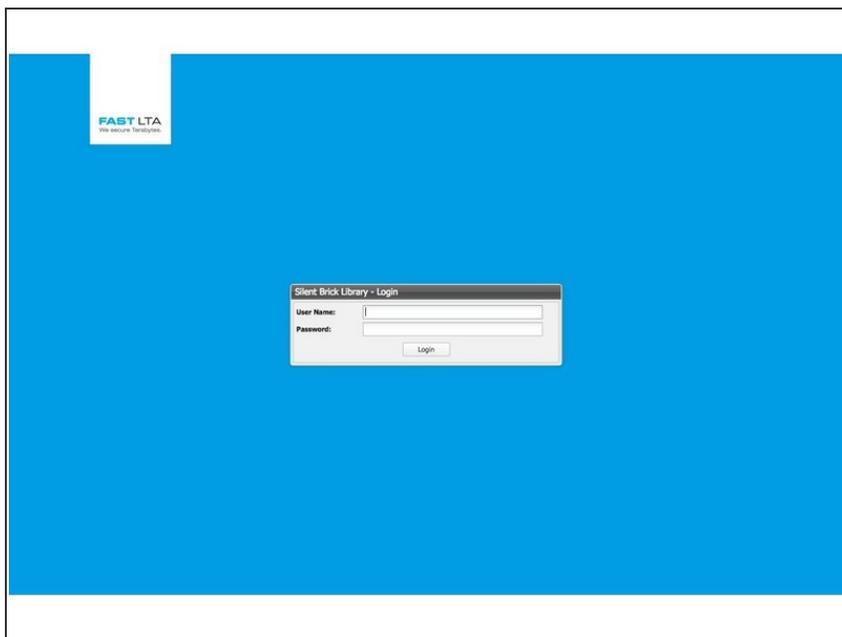
SB controller-5858744b.fast-lta.intra (Linux x86_64 4.7.18-gentoo-FAST) 11:16:04
controller-5858744b login: _

```

i G2000 will try to receive IP addresses via DHCP on management and data interfaces

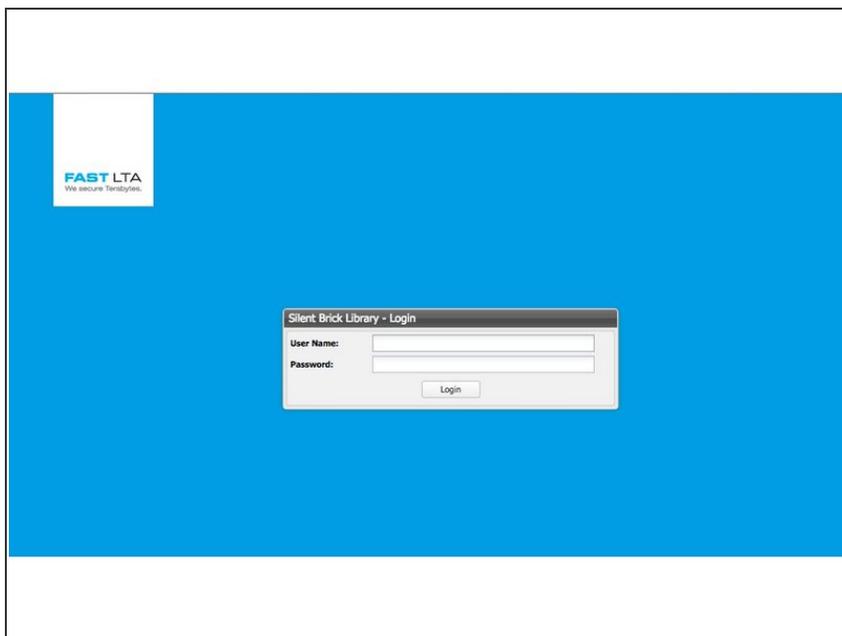
- If no DHCP server can be found G2000 will assign fallback IP addresses as follows
 - Management: 192.168.1.1
 - Data: 192.168.2.1
- The assigned IP addresses may be checked via...
 - ...G2000 EPaper Display
 - ...monitor output

Step 4 — Connect to the UI



- Open the Webinterface via management ip "https://<ip>/"
 - Default username: admin
 - Default password: adminadmin

Step 5 — Login



- Open your webbrowser
- Connect to **https://<management-ip>**
- Login with your username and password
 - Default user: admin
 - Default pass: adminadmin

Step 6 — Adjust IP settings

The screenshot shows the 'Network' configuration page. Key sections include:

- Network Identification:** Host Name, Domain Name (IPv4), Domain Name (IPv6).
- SSL Certificate:** Custom SSL Certificate (No).
- NIC:** Global NIC Settings, DNS Server 1, DNS Server 2.
- Management:** A dropdown menu with a yellow arrow pointing to it.
- TCP/IPv4:** Configured by DHCP (Yes), IPv4 Address, Subnet Mask.
- IPv6:** IPv6 Address, Subnet Mask, Default Gateway, User.
- Routing:** Table with columns for Target IPv4 / IPv6 Address, Target Subnet Mask / Prefix Length, and Gateway / Router.

- Navigate to **Settings -> Network**
- Edit hostname and domain
- Switch between management and data IP configuration
- Set up your data network
- Set up your management network
- ☑ Data and management **must not** be in the same subnet
- ⓘ In order to enter a gateway both interfaces have to be changed to manual IP first
- Set up your IPMI address

Step 7 — Optional: Combine networks

The screenshot shows the 'Network' configuration page with the 'Combine data & management network' button highlighted in blue. The button is located in the 'NIC' section.

- ⓘ Network combination makes sense if management and data shall be located in one subnet
- In order to combine your management and data networks click on **Combine data & management networks**
- The IP configuration will be transferred from the management interface to your data interface

Step 8 — Timeserver setup

The screenshot shows the 'Timeserver setup' configuration page. It includes the following settings:

- Date & Time:**
 - NTP Server 1: 0.pool.ntp.org
 - NTP Server 2: 1.pool.ntp.org
 - Time Zone: Europe/Berlin
 - Date & Time: 11.04.2017 12:08:33
- User Interface Auto Log Off After No Activity:**
 - Automatically Log Off After: 10 Minutes
- Temperature Unit:**
 - Display Temperature In: Celsius
- Handling of New Inserted Volume Bricks:**
 - Import Volumes Automatically: No

- Navigate to **Settings -> Miscellaneous**
- Set up your timeservers

Step 9 — Notification setup

The screenshot shows the 'Notifications' configuration page. It includes the following settings:

- Settings:**
 - Mail Server: ---
 - Use SSL/TLS: No
 - SMTP Authentication: No
 - User: ---
 - Password: ---
 - Sender Email Address: ---
 - Email to FAST LTA Monitoring Service: Yes
 - Email to Address List: Yes
 - Custom message: ---
 - Https Notifications to FAST LTA Monitoring Service: No
 - Connection via Proxy Server: No
 - Proxy Server: ---
 - Proxy User: ---
 - Proxy Password: ---

- Navigate to **Settings -> Notifications**
- Set up your notification settings
- In order to use FAST LTA Monitoring support make sure to...
 - ...use a valid external address as sender
 - ...check the corresponding checkbox

i *Https Notifications* is optional and may be used in case of mail relaying not allowed or possible