NodeGrid USB

Server, Power, Storage and USB Type C in a 2U Form Factor
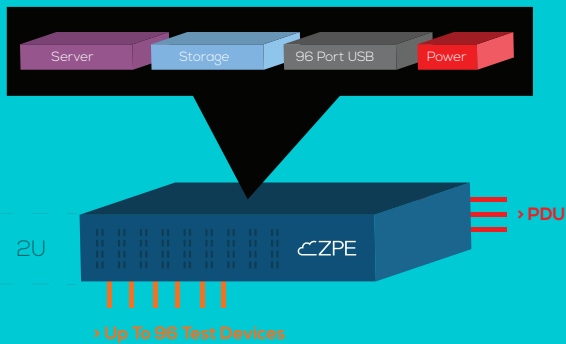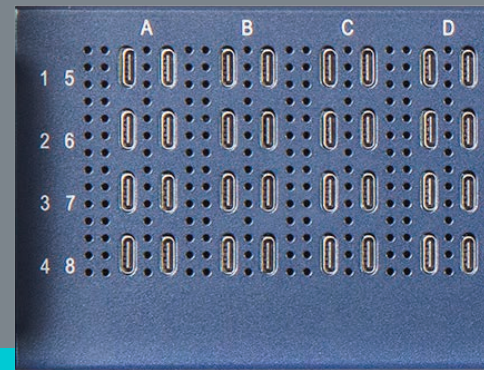

Mobility Labs, Meet Your Champion.

Mobillty labs are a mess. Usually they consist of different types of USB hubs and power bricks in combination with a storage and server solution. It isn't pretty, but it's what these labs need – Power to devices, servers for network access and config, storage for logging and metrics. These builds are inefficient and expensive...

NodeGrid USB unifies the stack.

Mobility Labs Made Simple

It used to be that for a mobile development lab you needed three seperate solutions: storage, server, and a means to power test devices.

With NodeGrid USB, that's no longer the case. Power, Server and storage have merged into a single 2U solution geared towards mobile development and testing.

Unified Infrastructure

NodeGrid USB provides up to 96 powered USB Type C Ports – Power devices continuosly throughout the development cycle. Additional servers are no longer necessary, NodeGrid USB has all the compute, access and control functionality of our NodeGrid family of solutions. Avoid the need for a NAS storage solution with built in storage. NodeGrid USB combines server, storage and power capabilites all in a powerful, high-density 2U 96 port USB Type C appliance.

Applications

- Mobile Test Lab Environments
- Mobile App Development
- Mobility Labs

NodeGrid USB has redundant power supply support and in/out fan configuration options available. More information on back.

NodeGrid Clustering

Save on device overhead costs with NodeGrid's clustering capabilities. Build your development device library and share it remotely, safely and securely throughout your network infrastructure.

NodeGrid USB at a Glance

- **Combines Server, Storage and Power Capabilites** all in a powerful, clusterable, 2U 96 port USB Type C appliance.

- **Power, Access & Control of USB Devices** – Control all of your mobile test devices from one source. NodeGrid USB provides continuous power and data to all USB Type C ports, keeping your devices charged and connected throughout the testing process.

- **Monitoring, Alerts & Automation** – Collect data points, get notifications and scriptable actions.

- **Zero Touch Provisioning (ZTP)** for fast setup

- **Orchestration Integration** Puppet and Chef

- **Reservation Integration Support Built-in** – Ideal for multiple teams and shared mobile test devices

- **Clustering and Search** – Bundle resources for optimization and a 360° view

- **Save Rack Space** by eliminating the need for complicated mishmash solutions.

- **Configurable for Your Needs** – Available in 24/48/72/96 USB Port Configurations

- **USB Type C Ports** – Fast data transfer speeds of up to 5 Gbps

Ordering Information

Base Unit

- **NGU-C24-M1x** – 24 Port NodeGrid USB with 1 PSU
- **NGU-C48-M1x** – 48 Port NodeGrid USB with 1 PSU
- **NGU-C72-M1x** – 72 Port NodeGrid USB with 2 PSU
- **NGU-C96-M1x** – 96 Port NodeGrid USB with 2 PSU

Accessories

- **NGU-EC8** – 8 Port USB Type C Expansion
- **NGU-PSU** – Redundant Power Supply
- **NGU-F2B** – Front-to-Back Fan
- **NGU-B2F** – Back-to-Front Fan

Replace 'x' with Fan Configuration

F – Front to Back

B – Back to Front