

InoBay™-2U

Rugged 2U Storage Extender for in-vehicle use

The InoBay™-2U storage extender is a 2U storage extension that can be connected to any PCIe system with a corresponding host-card (e.g. from Dolphin or OSS) via a copper cable. Thanks to its **universal compatibility with third-party systems**, customers benefit from maximum flexibility and a holistic, sustainable test infrastructure without additional investment costs.

Features

- *Universally connectable to existing systems*
- *Designed for in-vehicle use*
- *Remote Power/Reset*
- *QuickTray®-v3:*
 - *Storage capacity up to 240 TB**
 - *Write rate up to 26 GigaByte/s**

Configuration example

Further configurations on request!

Backplane:

2-slot PCIe x16 (Gen 4)

Target-Card:

PCIe x16 (Gen 4)
4x external PCIe x4 ports (SFF-8644) for copper cables (fiber optic on request)
Speed: 64 Gbit/s per port, total 256 Gbit/s

Host-Card:

any compatible card with SFF-8644 ports

Remote Power/Reset:

via M12 connector

Data Storage:

1x QuickTray®-v3 connected via PCIe x16 (Gen 4) RAID controller
Storage capacity: up to 240 TB*
Write rate: 26 GBps / 208 Gbit/s*

Power Supply:

6 ~ 30 VDC, 250 Watt
NL4 connector (Neutrik) four-pin with ignition pin

Mechanical:

Chassis
19 inch 2U rackmount chassis
Dimensions (W x H x D)
423,9 x 88 x 400 mm
Cooling
Active, 1x 80 mm fan

Environment:

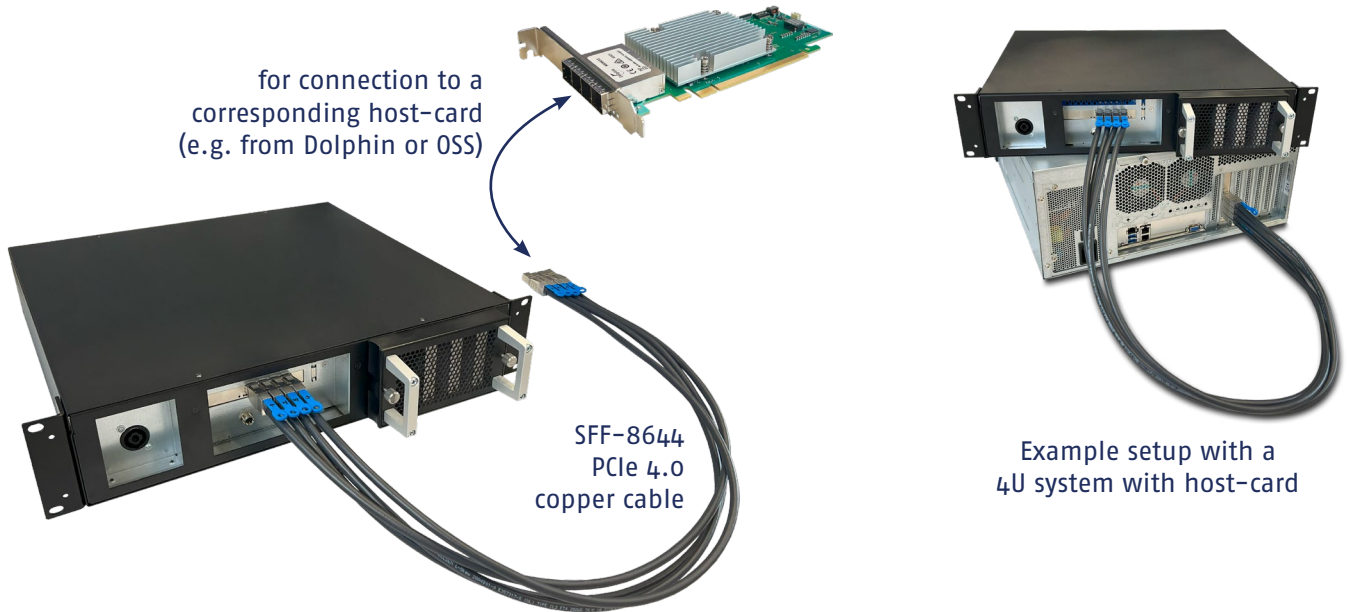
Operating Temperature
-20° ~ 55° C
Storage Temperature
-20° ~ 80° C
Relative Humidity (operation)
10 ~ 90 % (nicht kondensierend)
Shock
10 G (11 ms)
Vibration
1 G (5 ~ 500 Hz)
Noise Level
~ 55 db (incl. QuickTray®-v3)

* Depending on SSD type and manufacturer, real measured with Iometer (continuous write mode)



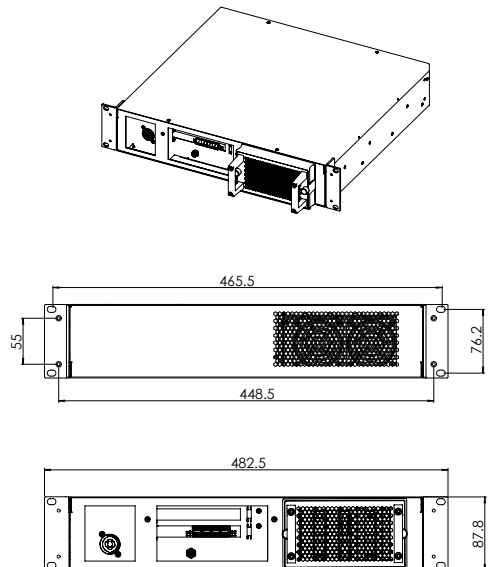
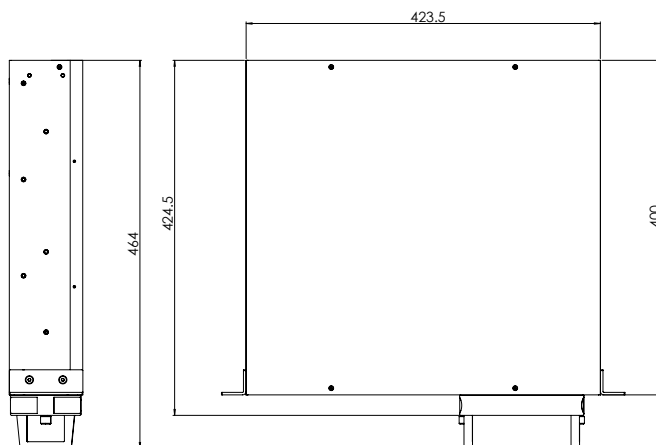
Fig. incl. QuickTray®-v3

InoBay™-2U Additional illustrations



Technical drawing

Unit: mm



InoNet Competences and Services



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