Automotive STORAGE

INONET
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InoNet QuickTray®-v3

Highspeed hot-plug & encryption-enabled data carrier for easy and fast data exchange

Features

- *Hot-plug capable*
- *Sacrificial connectors allow higher number of plugging cycles*
- *Hardware based data encryption possible*
- *Standardized size (2x 5.25“)*
- *Storage capacities of up to 240 TB per QuickTray®-v3*
- *Mechanical encoding capability*
- *Designed for in-vehicle use*
- *Backwards compatible with previous QuickTray® versions*

The InoNet QuickTray®-v3 is a modular removable data carrier in cartridge design and offers storage capacities of up to 240 TB* and write rates of up to 26 GBps / 208 Gbps* in encrypted state (2x QuickTray®-v3 up to 28 GBps / 224 Gbps*).

The standardized form factor (2x 5.25“) enables easy and fast exchange of data carriers between the vehicle and evaluation stations (Copy Station). Sacrificial connectors protect the data carriers and thus increase the lifetime as well as the number of plugging cycles from approx. 50 in the past to several hundred at the same time.

The InoNet QuickTray®-v3 guarantees extremely high handling comfort and time savings for data recording, storage and evaluation.

The QuickTray®-v3 also solves the problems of the market with features such as cryptography and hot-plug.

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

Flexible Kit

Complete solution

Copy Station

Published: 28. July 2025, 16:53. Subject to be change without prior notice.

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InoNet QuickTray®-v3
Technical Data

Technology

SSD Type	2.5" SSD up to 15 mm
SSD Technology	NVMe
SSD Bandwidth	PCIe x4 (Gen 4) Link per SSD
RAID Type	Hardware
RAID Level	0 / 1 / 10

Interfaces

Internal	Power supply and Data Link
External	PCIe x16 (Gen 4)

Mechanics

Dimensions (W x H x D)	148.3 mm x 84 mm x 134 mm (without handles)
Cooling	active

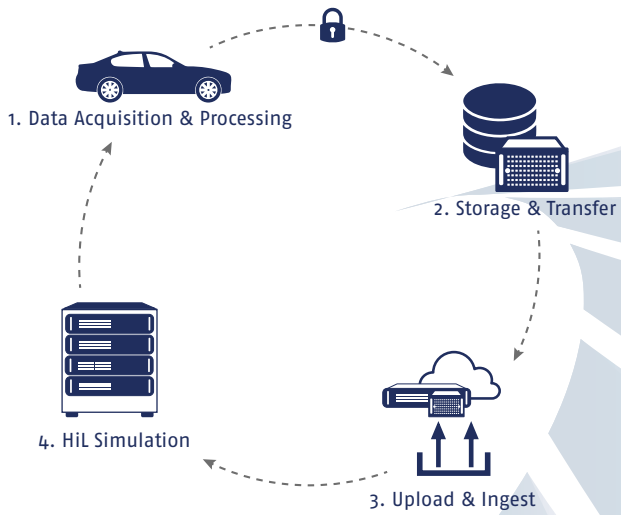
Ambient conditions during operation

Ambient Temperature	0° ~ 50° C (depending on the used SSDs)
Humidity	5 ~ 90 % relative humidity (non-condensing)
Vibration	0.6 G (10 - 200 Hz)
Shock	5 G / 2 ms

Environment conditions when powered off

Ambient Temperature	-20° ~ 70° C
Humidity	5 ~ 95 % relative humidity (non-condensing)
Vibration	3 G (5 - 500 Hz)
Shock	20 G / 11 ms

InoNet Automotive Ecosystem



The InoNet Automotive Computer Ecosystem describes the entire spectrum of scalable hardware solutions for vehicle development – especially in the field of ADAS and AD and their subsequent testing.

Our product portfolio covers all categories, from data acquisition and processing in the vehicle to fast and secure storage on exchangeable data storage devices to subsequent data evaluation via server farms or workstations.

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