



CRU Removable Drives for Data Security and Transport

FROM CDSG



CRU Removable Storage Helps People Protect Their Data

CRU provides rugged, removable storage solutions for physically securing and transporting sensitive Data at Rest (DAR). Trusted for decades in military, government, critical infrastructure, and commercial applications, CRU removables are available to meet a variety of security or data transport requirements for:

Secure office and military base environments | Aircraft, naval vessels, military and civilian vehicles | Digital cinema distribution and post-production
Education, health care, financial services | Data backup and other IT tasks

CRU removable solutions are available in PCIe/NVMe and SAS/SATA interfaces that fit into 9mm ODD, 3.5-inch, and 5.25-inch bays in OEM computers and custom applications. DIGISTOR secure storage SSDs can be factory installed for quality and ease of integration purposes.

Rugged Removable Drives for PCIe/NVMe Interfaces

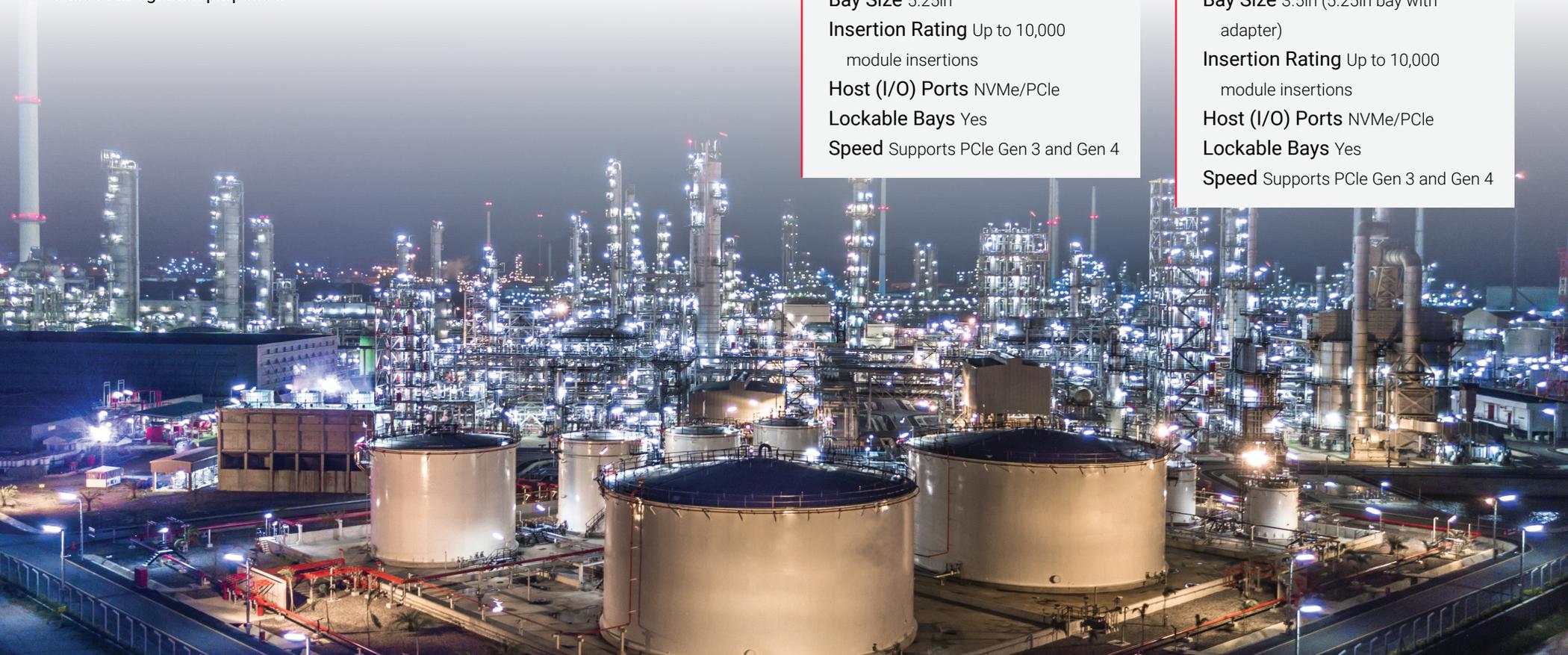


QX448 Enclosure for SHIPS Modules

Drive Types Supported PCIe/NVMe
SHIPS Q80 or Q80R module
Number of SHIPS Drives 4
Bay Size 5.25in
Insertion Rating Up to 10,000
module insertions
Host (I/O) Ports NVMe/PCIe
Lockable Bays Yes
Speed Supports PCIe Gen 3 and Gen 4

QX328 Enclosure for SHIPS Modules

Drive Types Supported PCIe/NVMe
SHIPS Q80 or Q80R module
Number of SHIPS Drives 1
Bay Size 3.5in (5.25in bay with
adapter)
Insertion Rating Up to 10,000
module insertions
Host (I/O) Ports NVMe/PCIe
Lockable Bays Yes
Speed Supports PCIe Gen 3 and Gen 4



Rugged Removable Drives for PCIe/NVMe Interfaces cont.



SHIPS PCIe Storage Modules



QX118 Enclosure for SHIPS Modules

Drive Types Supported PCIe/NVMe

SHIPS Q80 or Q80R module

Number of SHIPS Drives 1

Bay Size 9mm

Insertion Rating Up to 10,000
module insertions

Host (I/O) Ports NVMe/PCIe

Lockable Bays Yes

Speed Supports PCIe Gen 3 and Gen 4

QX310 v2 for NVMe SSDs

Drive Types Supported

DIGISTOR factory-integrated storage
options available

PCIe/NVMe: Qualified M.2 drives
(30mm, 42mm, 60mm, 80mm,
or 110mm length) or U.2 drives,
depending on carrier type

Number of Bays 1

Bay Size 3.5in (5.25in bay with
adapter)

Insertion Rating Supports thousands
of carrier insertions

Host (I/O) Ports NVMe/PCIe

Lockable Bays Yes

Speed Supports PCIe Gen 3

SHIPS Q80 Module

For typical office environments

Drive Types Supported PCIe/NVMe

Gen 3 and Gen 4

Storage Up to 8TB

Insertion Rating Up to 10,000
insertions

Construction material

Aluminum chassis

Dimensions 4.09in x 1.77in x 0.35in
(104mm x 45mm x 9mm)

Weight 0.11lb (0.05kg)

Compliance FCC, UL, CE, RoHS, RCM

SHIPS Q80R Module

For military environments

Drive Types Supported PCIe/NVMe

Gen 3 and Gen 4

Storage Up to 8TB

Insertion Rating Up to 10,000
insertions

Construction material(s)

Aluminum chassis

Dimensions 4.09in x 1.77in x 0.35in
(104mm x 45mm x 9mm)

Weight 0.11lb (0.05 kg)

Compliance FCC, UL, CE, RoHS, RCM

Rugged Removable Drives for SAS/SATA Interfaces



DX175

Drive Types Supported

SAS/SATA 2.5in drives
SAS/SATA 3.5in drives
SATA SSD

Number of Bays 1

Bay Size 5.25in

Insertion Rating up to
50,000 carrier insertions

Host (I/O) Ports (1) SAS/
SATA: Up to 6 Gbps

Lockable Bays Yes
SATA Speed 6G

DX115

Drive Types Supported

SAS/SATA 2.5in drives
SAS/SATA 3.5in drives
SATA SSD

Number of Bays 1

Bay Size 5.25in

Insertion Rating Up to
30,000 carrier insertions

Host (I/O) Ports (1) SAS/
SATA: Up to 6 Gbps

Lockable Bays Yes
SATA Speed 6G

DP10

Drive Types Supported

DIGISTOR factory-integrated
storage options available
SAS/SATA 2.5in drives
SAS/SATA 3.5in drives (Note:
Drives with the Power
Disable feature are not
supported)

SATA SSD

Number of Bays 1

Bay Size 5.25in

Insertion Rating Up to
30,000 carrier insertions

Host (I/O) Ports (1) SATA:
up to 6 Gbps

SAS (single-port): up to 6
Gbps

Lockable Bays Yes
SATA Speed 6G

DP25

Drive Types Supported

SATA 2.5in drives (1 or 2)
SATA SSD (1 or 2)

Number of Bays 2

Bay Size 3.5in

Insertion Rating Up to
30,000 carrier insertions

Host (I/O) Ports (2) SATA:
up to 6 Gbps

Lockable Bays Yes
SATA Speed 6G

DP27

Drive Types Supported

DIGISTOR factory-integrated
storage options available
SATA 2.5in drives (7mm
height)
SATA SSD (solid state drives)
7mm height

Number of Bays 1

Bay Size Optical (9.5mm
height)

Insertion Rating Drive
receiving interface rated
for up to 50,000 insertions

Host (I/O) Ports (1) SATA
6G Slimline 13-pin device
connector for data and
+5VDC power

Lockable Bays DP27L
model only
SATA Speed 6G