



RHD

RUGGED / REMOVABLE / HIGH CAPACITY DRIVE

NEXT GENERATION RUGGED REMOVABLE HIGH CAPACITY DRIVE

**COST EFFECTIVE AND
HIGHER CAPACITY
THAN RDX**

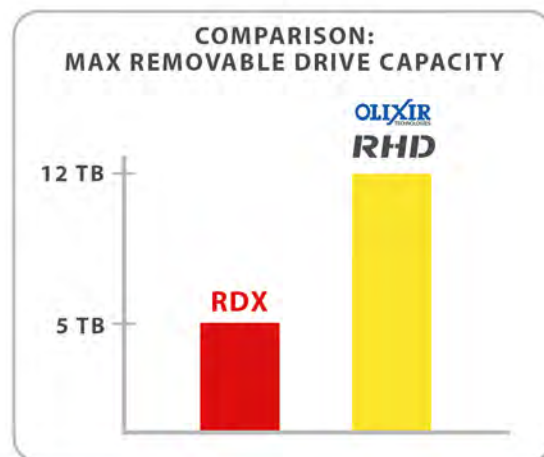


RHD
RUGGED
REMOVABLE
DISK CARTRIDGE
(WITH DOCKING BAY)

**UP TO
12 TB!**

RHD BENEFITS:

- ▶ HIGHEST CAPACITY IN THE INDUSTRY
- ▶ RELIABLE, TRANSPORTABLE, REMOVABLE STORAGE
- ▶ PATENTED SHOCK PROTECTION
- ▶ PROVEN 10+ YEAR MECHANICAL CARTRIDGE DESIGN
(VALIDATED BY: MILITARY, INDUSTRIAL & BUSINESSES GLOBALLY)
- ▶ AFFORDABLE FOR BUSINESS
- ▶ FAST PERFORMANCE
- ▶ USE WITH INTERNAL 5.25" DOCKING BAY OR
EXTERNAL USB 3.0 DOCKING STATION



BACKUP / OFFSITE ARCHIVE - VIDEO - PHOTO - DATA COLLECTION - SURVEILLANCE

BUILD THE PERFECT REMOVABLE DRIVE SOLUTION!

CHOOSE FROM THESE OPTIONS:

1

**RHD MODEL, CAPACITY
& RUGGED LEVEL**



**RHD-3
6TB - 12TB
SEMI RUGGED
(1,200 Gs)**

2

**CONNECTIVITY
OPTIONS**

INTERNAL 5.25"
DOCKING BAY

OR

EXTERNAL DESKTOP
USB 3.0 DOCKING STATION



3

**WARRANTY
OPTIONS**

**1 YEAR
STANDARD
WARRANTY**

**EXTENDED
OPTIONAL
WARRANTY**

PRODUCT SPECIFICATIONS

Olixir RHD Drives*

*Specifications may vary based on drive capacity & are subject to change



RHD MODEL	RHD-3 (Semi-Rugged)
Internal Drive Type	3.5" Desktop / Enterprise Hard Drive
Capacity (TB)	6, 8, 10, 12
Physical Dimensions	1.40 in x 4.45 in x 7.50 in
Weight	1.85 lbs
Connectivity	5.25" Docking Bay, Docking Station, Rack Tower
Power	RHD-3
Supply Voltage	+12 Vdc (+10%/-8%), +5 Vdc (± 5%)
Idle	9.0 W
Shock (Half-Sine Wave)	RHD-3
Operating	150 G (2.0 ms)
Non-Operating	1,200 G (2.0 ms)
Vibration (Half-Sine Wave)	RHD-3
Operating	0.75 G (22-350 Hz)/0.38 G (350-500 Hz)
Non-Operating	1.50 G (22-350 Hz), 0.75G (350-500 Hz)
Environmental Characteristics Operating:	RHD-3
Amb. Temperature (C)	0° to +60°
Rel. Humidity (non-cond.)	5% - 90%
Altitude (ft)	-200 to +10,000
Non-Operating:	RHD-3
Amb. Temperature (C)	-40° to +70°
Rel. Humidity (non-cond.)	5% - 95%
Altitude (ft)	-200 to +40,000
Reliability	RHD-3
Error Rate (Non-Recoverable)	1 in 10 ¹⁴
Start/Stops (at 40° C)	50 000
Write Endurance	N/A
Warranty	RHD-3
Standard (Optional extended warranty is available)	1 Year

RHD Internal 5.25" Docking Bay

Specifications are subject to change



General	
For Cartridge Family	RHD
Mounting	Installs into 5.25" standard slots (Standard mounting screw holes at side)
Physical Dimensions	5.75" (W) x 1.625" (H; fits 1U) x 8.85" (D)
Weight	1.85 lbs
Connectivity	SATA (mates via standard SATA cables such as SFF-8470)
Physical Security	Key Lock
LED Indicators	Drive Activity (Green) & Failure (Red) "Drawer" for smooth insertion/removal of RHD drives
Drive Insertion/ Removal	  Closed Opened
Power	
Connectivity	4-pin standard MOLEX used for supplying 12V and 5V)
Supply Voltage Requirements	+12 Vdc (+10%/-8%), +5 Vdc (± 5%)
Shock - Vibration Resiliency	
Operating	Keeps drive connected in presence of many vibration profiles
Drawer Opening	Key lock mechanism keeps drawer securely closed in presence of jolts
Environmental Characteristics	
Cooling Mechanism	Fan - Forces air flow from front through rear
Amb. Temperature - Operating (C)	0° to +60°
Warranty	
Standard (Optional extended warranty is available)	1 Year

RHD Can Be Used With Docking Bay, Tower, or 19" Rack



External Desktop USB 3.0 Docking Station
(Available Now)



19" Custom Rack
(with Removable Drives)
(Call Us)



Custom Tower
(with Removable Drives)
(Call Us)



Scalable Custom Racks
(with Removable Drives)
(Call Us)