

Overview

Models

StorCase DX115 SATA Removable Enclosure	EA332AA
StorCase DX115 SAS Removable Enclosure	EA333AA
StorCase DX115 SATA/SAS HDD Carrier Tray	RA697AA

Introduction

The StorCase DX115 Removable Enclosure is a compact, cost-effective, yet rugged drive carrier and receiving frame for internally mounting a SATA or SAS hard drive into a 5.25 inch optical drive bay in an HP xw Series Workstation.

The DX115 supports Serial Attached SCSI (SAS) or Serial ATA (SATA) 3Gbps drives and is downward-compatible with earlier-technology drives that are supported in HP xw Series Workstations.

- **StorCase DX115 SATA 3.0Gb/s Removable Drive Enclosure (EA332AA)**
Model EA332AA is a receiving frame and carrier for an SATA 3Gb/s disk. The receiving frame installs in one of the 5.25" optical bays in the workstation. The carrier holds the HDD and has a quick release handle for insertion/removal. You can install any HP supported SATA disk in the carrier.
- **StorCase DX115 SAS Removable Drive Enclosure (EA333AA)**
Model EA333AA is a receiving frame and carrier for an SAS disk. The receiving frame installs in one of the 5.25" optical bays in the workstation. The carrier holds the HDD and has a quick release handle for insertion/removal. You can install any HP supported SAS disk in the carrier.
- **StorCase DX115 SATA/SAS HDD Carrier Tray (RA697AA)**
Model RA697AA is the carrier only. This model works with any HP supported SATA or SAS disk. The tray can be installed in either an SATA or SAS receiving frame. Either an SATA or an SAS disk can be plugged into frames that are connected to an SAS controller. Only SATA disks are supported when connected to an SATA controller.

Key Features & Benefits

- Compact enclosure with centered drive carrier ensures no interference with the workstation bezel
- Drive spin/power up/down button
- Power, spin & fan failure indicator
- Drive activity indicator (system-dependent)
- "Soft Start" circuitry & anti-static device protection
- Cable-less drive connector
- SAS receiving frames can accept SATA drive carriers for added flexibility and cost effectiveness
- Rugged construction; drive is protected in the event of physical trauma.
- Mating connectors provide 50K insertion rating for multiple insertions and removals.
- Integrated fan assures proper drive cooling.
- Key lock functions independently from drive power.
- Exceeds rotational vibration and heat dissipation requirements of today's high-speed drives.

Compatibility

DX115 SATA Drive Enclosure is compatible with xw4300, xw4400, xw6200, xw6400, xw8200, xw8400, xw9300 and xw9400 workstations.

DX115 SAS Drive Enclosure is compatible with xw4400, xw6400, xw8400 and xw9400 workstations.

The StorCase DX115 Removable Enclosure is supported in the following bay locations only.

Overview

Optical Bay Location	xw4300 xw4400	xw6200 xw6400	xw8200 xw8400	xw9300	xw9400
Top Bay	X	X**	X	X	X
Middle Bay	X		X	X	X
Bottom Bay	*	X	X	*	X

NOTES:

*Not supported due to interference with system board.

**DX115 fits in Top Bay if Hood Lock Solenoid (DY305AV or DE618A) is not installed.

Service and Support

The StorCase DX115 Removable Enclosure has a one-year limited warranty or the remainder of the warranty of the HP product in which it is installed. Technical support is available seven days a week, 24 hours a day by phone, as well as online support forums. Parts and labor are available on-site within the next business day. Telephone support is available for parts diagnosis and installation. Certain restrictions and exclusions apply.

Technical Specifications

Physical characteristics	Dimensions of carrier (H x W x D)	1.07 x 4.34 x 7.54 in (27.2 x 110.2 x 191.5 mm)
	Weight of carrier	1 lbs (0.45 kg)
	Dimensions of receiving frame (H x W x D)	1.62 x 5.75 x 7.88 in (41.1 x 146.1 x 200.2 mm)
	Weight of receiving frame	N/A
	Dimensions of receiving frame – including front bezel (H x W x D)	1.62 x 5.81 x 8.08 in (41.1 x 147.6 x 205.2 mm)
	Weight of receiving frame – including front bezel	2 lbs (0.91 kg) ¹
	Features	Allows you to mount a low-profile (up to 1 inch high) 3.5 inch form factor drive into any half-height, 5.25 inch peripheral bay Supports Serial Attached SCSI (SAS) or Serial ATA 3 Gb/s drives <ul style="list-style-type: none"> • Drive carrier key lock • Drive spin/power up/down button • Power, spin, and fan failure indicator • Drive activity indicator • Soft Start circuitry & anti-static device protection • Cable-less drive connector • 50K mating connector • Cooling fan
Electrical	Input	+5V 9mA / +12V 20 μ A
Chassis reliability/maintainability	MTBF (at 30° F)	600,000 hours
	MTTR	5 minutes
Environmental	Operating ambient temperature	32° to 122° F (0° to 50° C)
	Storage ambient temperature	-40° to 158° F (-40° to 70° C)
	Operating relative humidity²	5% to 95%
	Storage relative humidity²	50% to 95%
	Operating altitude	1000 to 10,000 ft (-305 to 3048 m)
	Storage altitude	-1000 to 40,000 ft (-305 to 12,195 m)
	Operating shock³	60g
	Storage shock³	30g

NOTES

¹ With carrier removed

² Non-condensing with maximum gradient of 10% per hour

³ Half-sine wave shock pulses at 2ms

© Copyright 2006 Hewlett-Packard Development Company, L.P.
The information contained herein is subject to change without notice.

The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

