

Data Express® DE110 Removable Hard Drive Enclosure



- For Low-Profile SCSI, IDE (Parallel) or SATA Drives
- Requires 5.25" Peripheral Expansion Bay
- Supports SCSI Ultra320, Ultra ATA/133 or SATA
- Hot Swappable

Applications

- Security
- Backup
- Testing
- A/V Editing
- Drive Swapping / Transporting

The Data Express DE110 is a rugged drive carrier and receiving frame for internally mounting a low-profile (up to 1" high), 3.5" form factor IDE drive into any standard half-height, 5.25" peripheral bay. The DE110 supports SCSI Ultra320, Serial ATA (SATA) or Parallel ATA (PATA) Ultra ATA/133 drives and is downward-compatible with earlier-technology drives.

Features	Benefits
Rugged Construction	Drive is protected in the event of physical trauma
Highly-Rated Mating Connectors	Support up to 25K insertions (35K for SATA models)
Hot Swappability	Provides operational flexibility in Windows environments by allowing drive carriers to be removed while the system is powered up
"Soft Start" Circuitry	Assures data integrity by eliminating in-rush current during spin-up and avoiding power arcing during insertion

Specifications

- Key lock/power on-off
- Hot swappable
- "Soft Start" circuitry & anti-static device protection
- Cable-less drive connector
- Connector alignment pins
- Unit select indicator
- Front panel drive ID indicator
- Drive activity indicator
- Highly-rated mating connector(s)
- Mounting hardware included
- 5 year warranty

Data Express 110 Parallel ATA drive carriers can be used with Data Express 110 Universal Serial ATA receiving frames, allowing earlier-technology Parallel ATA drives to continue to be used with a Serial ATA system. The Data Express 110 Universal Receiving frame will not support SATA 3 Gb/s transfer rates. The universal bridge chip will not, however, negotiate at the 3.0 Gb/s transfer rate. Many SATA 3.0 Gb/s hard drives do have a jumper that allows them to operate at 1.5 Gb/s and then could be used in

the Data Express 110 Universal Serial ATA receiving frame. If support for legacy Parallel ATA drives is not required use the Data Express 110 SATA 3 Gb/s units for best performance.

Design*

5.81"W x 8.66"L x 1.61"H (inch)

148W x 220L x 41H (mm)

* Dimensions are for reference only

DE110

68-pin U320

Part Number	Discontinued StorCase #	Description	Shipping Weight	UPC Number
6146-1120-0000	S21A100	DE110, Complete Assembly, 68-pin, U320, Repeater/Isolator, PC White	3 lbs. 7 oz	673825411124
6146-1120-0500	S21A103	DE110, Complete Assembly, 68-pin, U320, Repeater/Isolator, Black	3 lbs. 7 oz	673825411131
6147-1100-0000	S21A102	DE110, Carrier Only, 68-pin, U320, PC White	2 lbs.	673825411247
6147-1100-0500	S21A105	DE110, Carrier Only, 68-pin, U320, Black	2 lbs.	673825411254
6148-1120-0000	S21A101	DE110, Frame Only, 68-pin, U320, Repeater/Isolator, PC White	2 lbs. 4 oz	673825411322
6148-1120-0500	S21A104	DE110, Frame Only, 68-pin, U320, Repeater/Isolator, Black	2 lbs. 4 oz	673825411339

DE110

S/PATA Frame - SATA Carrier

Part Number	Discontinued StorCase #	Description	Shipping Weight	UPC Number
6146-5000-0000	S21J100	DE110, Complete Assembly, S/PATA Frame, SATA Carrier, PC White	3 lbs. 7 oz	673825411162
6146-5000-0500	S21J103	DE110, Complete Assembly, S/PATA Frame, SATA Carrier, Black	3 lbs. 7 oz	673825411179
6148-5200-0000	S21J101	DE110, Frame Only, S/PATA, PC White	2 lbs. 2 oz	673825411360
6148-5200-0500	S21J104	DE110, Frame Only, S/PATA, Black	2 lbs. 2 oz	673825411377

DE110

SATA 3Gb/s RoHS

Part Number	Discontinued StorCase #	Description	Shipping Weight	UPC Number
6546-5000-0000	SC21J147	DE110, Complete Assembly, SATA 3Gb/s, PC White, RoHS	3 lbs. 7 oz	673825412008
6546-5000-0500	SC21J150	DE110, Complete Assembly, SATA 3Gb/s, Black, RoHS	3 lbs. 7 oz	673825412015
6547-5000-0000	SC21J149	DE110, Carrier Only, SATA 3Gb/s, PC White, RoHS	2 lbs.	673825412046
6547-5000-0500	SC21J152	DE110, Carrier Only, SATA 3Gb/s, Black, RoHS	2 lbs.	673825412053
6548-5000-0000	SC21J148	DE110, Frame Only, SATA 3Gb/s, PC White, RoHS	2 lbs. 2 oz	673825412084
6548-5000-0500	SC21J151	DE110, Frame Only, SATA 3Gb/s, Black, RoHS	2 lbs. 2oz	673825412091

DE110

SATA

Part Number	Discontinued StorCase #	Description	Shipping Weight	UPC Number
6147-5000-0000	S21J102	DE110, Carrier Only, SATA, PC White	2 lbs.	673825411261
6147-5000-0500	S21J105	DE110, Carrier Only, SATA, Black	2 lbs.	673825411278

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ATA/133 RoHS

Part Number	<i>Discontinued StorCase #</i>	Description	Shipping Weight	UPC Number
6546-0000-0000	SC21B100	DE110, Complete Assembly, ATA/133, PC White, RoHS	3 lbs. 7 oz	673825411988
6546-0000-0500	SC21B103	DE110, Complete Assembly, ATA/133, Black, RoHS	3 lbs. 7 oz	673825411995
6547-0000-0000	SC21B102	DE110, Carrier Only, ATA/133, PC White, RoHS	2 lbs.	673825412022
6547-0000-0500	SC21B105	DE110, Carrier Only, ATA/133, Black, RoHS	2 lbs.	673825412039
6548-0000-0000	SC21B101	DE110, Frame Only, ATA/133, PC White, RoHS	2 lbs. 2 oz	673825412060
6548-0000-0500	SC21B104	DE110, Frame Only, ATA/133, Black, RoHS	2 lbs. 2oz	673825412077