

DATA EXPRESS



DE75
- Steel
- Low-Profile
Carrier



DE90
- Metal/
Plastic



DE100
- Steel



DE150
- Steel
- Front-
Loading
Carrier



DE200
- Steel
- Lock Down
Carrier



DE300
-Steel
- Low-
Profile
Carriers

OVERVIEW



Kingston® Data Express® is a family of ruggedly-constructed, affordably-priced, removable drive subsystems for the discerning customer. These adaptable enclosures provide removable housing designed to support all 3.5" standard and low-profile hard disk or front-loading type devices. Models are available to mount into 5.25" half-height standard or undersized and 5.25" full-height peripheral expansion bays. For more information on Kingston's Data Express enclosures, please contact your Kingston Storage Product Division Sales Representative at (800) 435-0642, FAX: (714) 438-1847, or E-mail us at: storage@kingston.com.

HIGHLIGHTS

DISTINCTIVE FEATURES:

- ACCOMODATES ALL 3.5" DEVICES
- SUPPORTS AT/IDE, SCSI 1, 2, 3, ULTRA AND/OR ULTRA2(LVD), INCLUDING SCA
- RAID-COMPATIBLE
- DRIVE ACTIVITY INDICATORS
- SCSI ID INDICATOR (MOST MODELS)
- DRIVE CARRIER SECURITY KEY LOCK
- FIELD-UPGRADEABLE HOT SWAP OPTION (MOST MODELS)
- HIGHLY RATED MATING CONNECTORS (MOST MODELS RATED AT 25,000)
- BLACK PAINT (MOST MODELS)

INNOVATIVE STAYCOOL DESIGN:

- STEEL AND/OR METAL-SHIELDED PLASTIC CONSTRUCTION
- SUPERIOR FRONT-TO-BACK AIRFLOW
- EXCELLENT HEAT DISSIPATION

QUALITY & VALUE:

- OEM-READY
- COMPREHENSIVE INSTALLATION MANUALS
- FREE TECHNICAL SUPPORT
- 100% TESTED
- 7-YEAR WARRANTY

Specifications	DE75	DE90	DE100	DE150	DE200	DE300
Interfaces Supported	AT/IDE, SCSI: Narrow, Wide (includes SCA)	AT/IDE	AT/IDE, SCSI: Narrow, Wide, Differential, Ultra2(LVD) (includes SCA)	SCSI: Narrow	SCSI: Narrow, Wide, Ultra2 (LVD) (includes SCA)	SCSI: Wide (includes SCA)
Frame Size	5.25" H.H.	5.25" H.H.	5.25" H.H.	5.25" H.H.	5.25" H.H.	5.25" F.H.
Height	1.125" (28.6mm)	1.70" (43.2mm)	1.70" (43.2mm)	1.70" (43.2mm)	1.70" (43.2mm)	3.38" (85.9mm)
Width	5.875" (149.2mm)	5.735" (145.7mm)	5.75" (146.1mm)	5.75" (146.1mm)	5.75" (146.1mm)	5.875" (149.2mm)
Depth*	8.15" (207.0mm)	8.700" (221.0mm)	8.18" (207.8mm)	8.18" (207.8mm)	8.18" (207.8mm)	8.15" (207.0mm)
Weight	1.5 lb. (0.68kg)	0.6 lb. (0.27kg)	1.0 lb. (0.45kg)	1.0 lb. (0.45kg)	1.0 lb. (0.45kg)	2.0 lb. (0.91kg)
Note: Frame and bay size must match for proper installation.						
Carrier Size	3.5" H.H. L.P.	3.5" H.H.	3.5" H.H.	3.5" H.H.	3.5" H.H.	3.5" H.H. L.P.
Height	1.08" (27.4mm)	1.68" (42.7mm)	1.68" (42.7mm)	1.68" (42.7mm)	1.68" (42.7mm)	1.07" (27.2mm)
Width	4.665" (118.5mm)	4.625" (117.5mm)	4.67" (118.6mm)	4.67" (118.6mm)	5.14" (130.6mm)	4.665" (118.5mm)
Depth*	7.38" (187.5mm)	8.020" (203.7mm)	7.68" (195.1mm)	7.38" (187.5mm)	7.38" (187.5mm)	7.38" (187.5mm)
Weight	1.2 lb. (0.55kg)	0.8 lb. (0.36kg)	1.5 lb. (0.68kg)	1.5 lb. (0.68kg)	1.5 lb. (0.68kg)	1.2 lb. (0.54kg)
Note: Carrier and device size must match for proper installation.						

H.H. - Half-Height F.H. = Full-Height L.P. = Low-Profile

*Maximum depth varies per interface connection type

Environmental / All Models:			Reliability / All Models:		Electrical:	
Ambient Temperature	Operating	Storage	MTBF	500,000 Hours	INPUT	DE300: +5V 200mA +12V 1.2mA
	-5°C to 50°C	-45°C to 75°C				
Relative Humidity	-10% to 80%	-10% to 90%	MTTR	5 Minutes		
	-1000 to 50,000ft. (-304m to 15,240m)	-1000 to 50,000ft. (-304m to 15,240m)				
Altitude			Preventative Maintenance	None	INPUT	All Other Models: +5V 65mA +12V 400µA
Shock	10g	60g				



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