

Infotrend EonStor DS Expansion Enclosures



Through SAS expansion ports, each EonStor DS storage system can connect with robust and high-density expansion enclosures to provide a maximum capacity of 144 SAS drives. The incremental approach of capacity scaling effectively satisfies growing application needs while reducing wasted upfront investment.

Technical Specifications	2.5-inch SAS Drives			
	ESDS B12S-J2000-R	ESDS B12S-J2000-G	ESDS B12S-J1000-R	ESDS B12S-J1000-S
Controller	Dual redundant	Single	Dual redundant	Single
Host Connectivity	Two (2) 6Gb/s SAS 4x wide ports per controller		Two (2) 3Gb/s SAS 4x wide ports per controller	
Drive Connectivity	Exclusively 6Gb/s SAS		Exclusively 3Gb/s SAS	
Drive Bays	12			
Corresponding EonStor DS Models¹	ESDS B12F-R2840 ESDS B12S-R2240 ESDS B12E-R2140	ESDS B12F-G2840 ESDS B12S-G2240 ESDS B12E-G2140	ESDS B12F-R1430 ESDS B12S-R1030	ESDS B12F-G1431 ESDS B12S-G1031
Power Supplies	Two redundant 380W	Two redundant 250W	Two redundant 380W	Two redundant 380W
Form Factor²	1U, 19-inch rackmount			
Service and Support³	Standard Service: 3-year limited hardware warranty and 8x5 phone, web and email support			
Upgrade/Extension Options	Replacement part dispatch on the next business day (up to 5 years) Advanced Service: 24x7 phone, web and email support + onsite diagnostics on the next business day (up to 5 years) Premium Service: 24x7 phone, web and email support + onsite diagnostics in 4 hours (up to 5 years) Extended Standard Service up to 5 years			

Technical Specifications	2.5-inch SAS Drives	
	ESDS B24S-J2000-R	ESDS B24S-J2000-S
Controller	Dual redundant	Single
Host Connectivity	Two (2) 6Gb/s SAS 4x wide ports per controller	
Drive Connectivity	Exclusively 6Gb/s SAS	
Drive Bays	24	
Corresponding EonStor DS Models¹	ESDS B24F-R2842 ESDS B24F-R2840 ESDS B24S-R2240 ESDS B24E-R2142	ESDS B24F-G2842 ESDS B24F-G2840 ESDS B24S-G2240 ESDS B24E-G2142
Power Supplies	Two redundant 530W	
Form Factor²	2U, 19-inch rackmount	
Service and Support³	Standard Service: 3-year limited hardware warranty and 8x5 phone, web and email support	
Upgrade/Extension Options	Replacement part dispatch on the next business day (up to 5 years) Advanced Service: 24x7 phone, web and email support + onsite diagnostics on the next business day (up to 5 years) Premium Service: 24x7 phone, web and email support + onsite diagnostics in 4 hours (up to 5 years) Extended Standard Service up to 5 years	

1. Please refer to corresponding models for the supported drives of expansion enclosures.
2. For detailed dimensions, please visit the Infotrend website.
3. All EonStor DS systems are shipped with Standard Service.

	ESDS S16S-J2000-R	ESDS S16S-J2000-S	ESDS S12S-J2000-R	ESDS S12S-J2000-G
Controller	Dual redundant	Single	Dual redundant	Single
Host Connectivity	Two (2) 6Gb/s SAS 4x wide ports per controller			
Drive Connectivity	Exclusively 6Gb/s SAS			
Drive Bays	16	16	12	12
Corresponding EonStor DS Models¹	ESDS S24F-R2840 ESDS S16F-R2842 ESDS S16F-R2840 ESDS S16S-R2240 ESDS S16S-R2240-4 ESDS S16E-R2240 ESDS S16E-R2142 ESDS B24F-R2842 ESDS B24F-R2840 ESDS B24S-R2240 ESDS B24E-R2142 ESDS B12F-R2840 ESDS B12S-R2240 ESDS B12E-R2140	ESDS S24F-G2840 ESDS S24S-G2240 ESDS S24S-G2240-4 ESDS S24E-G2142 ESDS S16F-G2842 ESDS S16F-G2840 ESDS S16S-G2240 ESDS S16S-G2240-4 ESDS S16E-G2240 ESDS S16E-G2142 ESDS B24F-G2842 ESDS B24F-R2840 ESDS B24S-R2240 ESDS B24E-R2142 ESDS B24F-G2840 ESDS B24S-G2240 ESDS B24E-G2142 ESDS B12F-R2840 ESDS B12S-R2240 ESDS B12E-R2140	ESDS S12F-R2840 ESDS S12S-R2240 ESDS S12S-R2240-4 ESDS S12E-R2140 ESDS B24F-R2842 ESDS B24F-R2840 ESDS B24S-R2240 ESDS B24E-R2142 ESDS B12F-R2840 ESDS B12S-R2240 ESDS B12E-R2140	ESDS S12F-G2840 ESDS S12S-G2240 ESDS S12S-G2240-4 ESDS S12E-G2140 ESDS B24F-G2842 ESDS B24F-G2840 ESDS B24S-G2240 ESDS B24E-G2142 ESDS B12F-G2840 ESDS B12S-G2240 ESDS B12E-G2140
Power Supplies	Two redundant 530W	Two redundant 530W	Two redundant 530W	Two redundant 350W
Form Factor²	3U, 19-inch rackmount	3U, 19-inch rackmount	2U, 19-inch rackmount	2U, 19-inch rackmount

Technical Specifications

3.5-inch 3Gb/s SAS Drives

	ESDS S16S-J1000-R	ESDS S16S-J1000-S	ESDS S12S-J1002-R	ESDS S12S-J1000-G
Controller	Dual redundant	Single	Dual redundant	Single
Host Connectivity	Two (2) 3Gb/s SAS 4x wide ports per system			
Drive Connectivity	Exclusively 3Gb/s SAS			
Drive Bays	16	16	12	12
Corresponding EonStor DS Models¹	ESDS S24F-R1840 ESDS S24F-R1440 ESDS S16F-R1840 ESDS S16F-R1440 ESDS S16S-R1030 ESDS S16E-R1140 ESDS S16E-R1130 ESDS B12F-R1430 ESDS B12S-R1030	ESDS A24S-G2130 ESDS S16S-G1030 ESDS S16F-G1840 ESDS S16F-G1440 ESDS S16E-G1140 ESDS S16E-G1130 ESDS B12F-G1431 ESDS B12S-G1031	ESDS S12F-R1840 ESDS S12F-R1440 ESDS S12S-R1032 ESDS S12E-R1132 ESDS B12F-R1430 ESDS B12S-R1030	ESDS S12F-G1842 ESDS S12F-G1440 ESDS S12F-G1433 ESDS S12S-G1033 ESDS S12E-G1140 ESDS B12F-G1431 ESDS B12S-G1031
Power Supplies	Two redundant 530W	Two redundant 530W	Two redundant 530W	Two redundant 460W
Form Factor²	3U, 19-inch rackmount		2U, 19-inch rackmount	
Service and Support³				
Standard Service	3-year limited hardware warranty and 8x5 phone, web and email support			
Upgrade/Extension Options	Replacement part dispatch on the next business day (up to 5 years) Advanced Service: 24x7 phone, web and email support + onsite diagnostics on the next business day (up to 5 years) Premium Service: 24x7 phone, web and email support + onsite diagnostics in 4 hours (up to 5 years) Extended Standard Service up to 5 years			

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