

Nexsan DATABeast Specifications

DATABeast Storage Services		
	Included	Option
Storage Pooling	■	
Storage Virtualization	■	
Non-disruptive Storage Pool Expansion	■	
Thin Provisioning	■	
Snapshots	■	
Synchronous Mirroring	■	
Proxy volumes	■	
Asynchronous Replication	■	
16TB Maximum Volume Size	■	
64TB Maximum Volume Size		■
NFS and CIFS		■

DATABeast Software Options			
	Standard	Advanced	Enterprise
SAN Storage Services and Management Software	Included (Options: NAS and 64TB volume)	Included (Options: NAS and 64TB volume)	Included (Options: NAS and 64TB volume)
Total Volumes per DATABeast SAN Controller Pair	1024 512 per controller	4096 2048 per controller	16384 8192 per controller
Thin Provisioned per DATABeast SAN Controller Pair	128 64 per controller	512 256 per controller	1024 512 per controller
Snapshots per DATABeast SAN Controller Pair	2048 1024 per controller	8192 4096 per controller	32768 16384 per controller
Mirrored or Replicated per DATABeast System	128	512	2048
Proxy Volumes per DATABeast System	64	512	2048

Deployed Power Requirements	
42U Main rack when fully populated ¹	5353 Watts
42U Expansion rack when fully populated ¹	6060 Watts
25U Main rack when fully populated ¹	3163 Watts
25U Expansion rack when fully populated ¹	3870 Watts
DATABeast Controller ²	280 Watts
DATABeast Management Server ²	193 Watts
24 Port FC Cisco 9124 ²	80 Watts
16 Port FC Qlogic 5600 ²	100 Watts
16 Port Brocade 220E ²	60 Watts
24 Port IP Cisco Catalyst 2960 ²	30 Watts
DATABeast Storage /14 SAS drives - w/o AutoMAID ³	490 Watts
DATABeast Storage /14 SAS drives - w/ AutoMAID ⁴	169 Watts
DATABeast Storage /42 SATA drives - w/o AutoMAID ³	730 Watts
DATABeast Storage /42 SATA drives - w/ AutoMAID ⁴	351 Watts

¹Power requirements represent the maximum running power needed during full operation of a fully populated DATABeast rack, including all components and 1TB drives without AutoMAID; ²Power requirements for individual component; ³Power requirement represents the use of DATABeast storage without AutoMAID (MAID 2.0); ⁴Power requirement represents the use of DATABeast storage with AutoMAID (MAID 2.0) Level 3.

FULL SERVICE STORAGE

DATA BEAST

Deployed Weights		
	lbs	Kgs
42U Main rack when fully populated ⁵	1796.00	816.36
42U Expansion rack when fully populated ⁵	2023.00	919.55
25U Main rack when fully populated ⁵	988.00	449.09
25U Expansion rack when fully populated ⁵	1038.00	471.82
DATABeast Controller	40.00	18.18
DATABeast Management Server	23.50	10.68
42U Rack with PDU and Cables	554.00	251.82
25U Rack with PDU and Cables	291.00	132.27
24 Port FC Cisco 9124	18.50	8.41
16 Port FC Qlogic 5600	11.50	5.23
16 Port FC Brocade 220E	8.80	4.00
24 Port IP Cisco Catalyst 2960	8.00	3.64
DATABeast SAS Storage with 14 300GB drives	83.00	37.73
DATABeast SAS Storage without drives	60.00	27.27
DATABeast SATA Storage with 42 1TB drives	177.00	80.45
DATABeast SATA Storage without drives	109.80	49.91
Mounted 1TB Drive	1.60	0.73
Mounted 300GB Drive	1.60	0.73

⁵Deployed weights represent the use of 1TB drives.

Shipping Weights		
	lbs	Kgs
42U Main rack when fully populated (w/o drives) ⁶	1692.80	769.45
42U Expansion rack when fully populated (w/o drives) ⁶	1785.40	811.55
25U Main rack when fully populated (w/o drives) ⁶	986.40	448.36
25U Expansion rack when fully populated (w/o drives) ⁶	969.20	440.55
Mounted 1TB SATA drive - per drive / boxed	2.00	0.91
Mounted 300 GB SAS drive - per drive / boxed	2.00	0.91
42U Shipping Crate Only	300.00	136.36
25U Shipping Crate Only	200.00	90.91

⁶Storage drives are shipped separately

Dimensions					
		Deployed (Inches)	Shipping (Inches)	Deployed (mm)	Shipping (mm)
42U Rack	Height	81.40	91.62	2070	2321
	Width	23.62	33.62	600	854
	Depth	42.20	52.50	1070	1330
25U Rack	Height	51.70	61.92	1313	1573
	Width	23.62	33.62	600	854
	Depth	42.20	52.50	1070	1330

Information subject to change any time. Visit www.nexsan.com for the most current version.



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FULL SERVICE STORAGE

DATA BEAST