

# ExaGrid

## Technical Specifications

DATA SHEET

### Application Support – All ExaGrid Servers

#### Backup Applications, Utilities, and Methods

- Veeam Backup & Replication
- Veritas Backup Exec/NetBackup
- Acronis Backup & Recovery
- Arcserve Backup, D2D & UDP
- Bridgehead
- Carbonite Amanda
- Commvault Simpana
- Dell vRanger
- EMC NetWorker
- HP Data Protector
- IBM TSM
- Idera SQLsafe
- LiteSpeed for SQL Server
- Red Gate SQL Backup
- StorageCraft ShadowProtect
- Unitrends Enterprise/Virtual
- Zerto Offsite Backup
- POSIX-compliant TAR files
- Oracle RMAN
- SQL Dump

#### Site Configurations

- Scalable from 2TB to 1PB full backup (7TB to 2.4PB raw) with 25 servers in a GRID
- Hub-and-spoke architecture
- Mix and match different size/age server models
- ExaGrid sites (one hub and up to 15 spokes)
- Standard IP WAN connection between sites
- WAN encryption for secure data transfer
- Bandwidth throttling for WAN efficiency

### Server Configurations

ExaGrid Model	EX2000	EX3000	EX5000	EX7000 / -SEC	EX10000E / -SEC	EX13000E / -SEC	EX21000E / -SEC	EX32000E / -SEC	EX40000E / -SEC
Chassis	2U	2U	2U	2U	3U	3U	3U	4U	3U
Full Backup	2TB	3TB	5TB	7TB	10TB	13TB	21TB	32TB	40TB
Disks	7	9	8	10	13	16	14	24	16
Disk Size	1TB	1TB	2TB	2TB	2TB	2TB	4TB	3TB	6TB
Memory	8 GiB	8 GiB	8 GiB	8 GiB	16 GiB	16 GiB	32 GiB	32 GiB	64 GiB
CPUs / Cores	1 CPU 4 cores	1 CPU 4 cores	1 CPU 4 hyper-threaded cores	1 CPU 4 hyper-threaded cores	1 CPU 4 hyper-threaded cores	1 CPU 4 hyper-threaded cores	1 CPU 4 hyper-threaded cores	1 CPU 4 hyper-threaded cores	1 CPU 6 hyper-threaded cores
NIC Ports	Two 1GbE	Four 1GbE and two optional 10GbE	Four 1GbE and two optional 10GbE	Four 1GbE and two optional 10GbE	Six 1GbE and optionally replace two 1GbE with two 10GbE	Six 1GbE and optionally replace two 1GbE with two 10GbE	Six 1GbE and optionally replace two 1GbE with two 10GbE	Six 1GbE and optionally replace two 1GbE with two 10GbE	Six 1GbE and optionally replace two 1GbE with two 10GbE or two 40GbE
All Servers: Intel processors / Enterprise SATA drives (SAS drives for EX21000E, EX32000E, and EX40000E; FIPS-2 compliant SAS drives for all -SEC systems) / RAID 6 with hot spare / Redundant fans / Redundant power supplies / ExaGrid software / 19-inch rack-mount chassis									

### Regulatory Approvals

- UL/CSA 60950-1 2d Ed.
- IEC 60950 - 1:2005s
- EN 6095 - 1:2006
- FCC Class A
- CB Certificate
- ICES-003 Issue 4
- EN55024:1998 +A1:2001 + A2:2003
- EN55022:2006 + A1:2007
- AS/NZS CISPR 22:2006
- RoHS Compliant
- WEEE Declaration EU Directive

### Environmental Requirements

	Power	Temperature	Humidity	Cooling (Operating)
ALL SERVERS	Frequency: 50-60 Hz / Voltage: 100-240 VAC Two NEMA 5-15R 3-prong receptacles/appliance Country kits available for international orders EX2000 and EX3000: 220W (1.83A @ 120VAC) EX5000 thru EX13000E: 270W (2.25A @ 120VAC) EX21000E: 336W (2.8A @ 120VAC) EX32000E: 375W (3.13A @ 120VAC) EX40000E: 336W (2.8A @ 120VAC)	10° to 35° C (50° to 95° F)	20% to 80% non-condensing	EX2000 and EX3000: 751 BTU/hr EX5000 thru EX13000E (including -SEC): 922 BTU/hr EX21000E (including -SEC): 900 BTU/hr EX32000E (including -SEC): 1280 BTU/hr EX40000E (including -SEC): 1147 BTU/hr

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