



# ExaGrid

## Tiered Backup Storage Technical Specifications

### Application Support – All ExaGrid Appliances

#### Backup Applications, Utilities, and Methods

- Acronis Backup & Recovery
- Arcserve Backup, D2D, UDP
- BridgeHead
- Commvault
- Dell EMC NetWorker
- HYCU
- IBM TSM (Spectrum Protect)
- Idera SQL Safe
- Micro Focus Data Protector
- Quest LiteSpeed, NetVault
- Quest vRanger
- Red Gate SQL Backup
- StorageCraft ShadowProtect
- Veeam Backup & Replication
- Veritas Backup Exec
- Veritas NetBackup
- Veritas System Recovery
- Zerto Offsite Backup
- POSIX-compliant TAR files
- Oracle RMAN
- SQL Dumps

### Site Configurations

- Scalable from 6TB to 2.7PB full backup (24TB to 6.14PB raw) with 32 servers in a single system
- Hub-and-spoke architecture
- Mix and match different size/age appliance models
- Multi-hop for a tertiary copy
- 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

### Appliance Configurations

ExaGrid Model	EX10	EX18	EX27	EX36	EX52	EX84
Chassis	2U	2U	2U	2U	3U	4U
Full Backup	10TB	18TB	27TB	36TB	52TB	84TB
Disks	8	12	12	12	16	24
Disk Size	4TB	4TB	6TB	8TB	8TB	8TB
Memory	16 GiB	32 GiB	32 GiB	64 GiB	64 GiB	128 GiB
CPUs / Cores	1 CPU 4 cores	1 CPU 4 hyper-threaded cores		1 CPU 6 hyper-threaded cores	1 CPU 12 hyper-threaded cores	1 CPU 16 hyper-threaded cores
NIC Ports	Two 1GbE; two optional 10GbE or 25GbE				Two 1GbE; two optional 10GbE, 25GbE, or 40GbE	
All Servers: Intel or AMD processors / Enterprise SAS drives / FIPS 140-2 Self-Encrypting SAS drives for all SEC systems / RAID6 with hot spare / Redundant fans / Redundant power supplies / ExaGrid software / 19-inch rack-mount chassis / IPv6						

### Regulatory Approvals

- UL/CSA 60950-1
- IEC 60950-1
- EN 60950-1
- FCC Class A
- CB Certificate
- ICES-003
- EN 55024
- EN 55022/32
- CISPR 22/32
- VCCI
- EN 61000-3-2/3
- RoHS Compliant
- WEEE Declaration EU Directive
- IEC 62368-1
- EN 62368-1
- EN55035

### Environmental Requirements

	Power	Temperature	Humidity	Cooling (Operating)
All Appliances	Frequency: 50-60 Hz / Voltage: 100-240 VAC Two NEMA 5-15R 3-prong receptacles/appliance Country kits available for international orders EX10: 276W (2.30A @ 120VAC) EX18: 318W (2.65A @ 120VAC) EX27: 381W (3.18A @ 120VAC) EX36: 417W (3.48A @ 120VAC) EX52: 447W (3.73A @ 120VAC) EX84: 590W (4.92A @ 120VAC)	10° to 35° C (50° to 95° F)	20% to 80% non-condensing	EX10: 941 BTU/hr* EX18: 1084 BTU/hr* EX27: 1299 BTU/hr* EX36: 1422 BTU/hr* EX52: 1524 BTU/hr* EX84: 2012 BTU/hr*  * including -SEC