

## NEXSAN E60X™ SPECIFICATION SHEET

60 Bay Expansion Unit

### 60 BAY EXPANSION UNIT SPECIFICATIONS OVERVIEW

- State-of-the-art disk expansion for the Nexsan E60, E18, SASBeast and SATABeast
- Provides four 6Gb SASx4 ports for high performance no single point of failure connection to the storage system
- Industry-leading storage density of 60 drives in just 4U of rack space
- Active Drawer Technology™ provides 3 drawers of 20 drives each which remain active when the drawer is open so drives are easy to maintain and system does not need to be powered down
- AutoMAID® level 4 power management reduces power and cooling bills by up to 85%

### RAID LEVELS, DRIVE TYPES AND PERFORMANCE

Since the E60X™ is an expansion of the E60, E18, SASBeast or SATABeast, the RAID levels, performance, drive types supported, AutoMAID power savings levels, speed of the SASx4 ports, and numbers of LUNs are governed by the storage system to which it is connected. The E60X gives you the flexibility to mix and match SSD, SATA, or SAS drives to meet the requirements of varying workloads.

### EXTERNAL DATA INTERFACE

There are four auto-sensing 6Gb SASx4 connectors on the back of the E60X which are used to connect it to the E60, E18, SATABeast or SASBeast storage systems. Typically the SASx4 ports are all used to provide the maximum performance with no single point of failure vulnerability between the storage system and its additional disks.

SAS cable connector type : External Mini SAS 26 pin I-Pass (8088) connector with Universal Keying SAS cable type – Amphenol Spectra-Strip cable or equivalent – 2 meters 28AWG, 3metres 26AWG, 4metres 24AWG equalized Maximum SAS cable length is 4m – Applications requiring greater than 4m should consult Nexsan.

### “HOT” FIELD REPLACEABLE MODULES

- Two replaceable PSUs
- Expansion Interface Modules
- Disk drives within any of the active-capacity drawers
- Rear “fan-pack” module at the rear of a fully withdrawn active capacity drawer
- The bezel assemblies on the front of the active capacity drawers (each contain a fan)



## SIZE SPECIFICATIONS

Width of Expansion Unit	16.93 inches / 43.00 cm
Width of Expansion Unit with mounting flanges	19.00 inches / 48.26 cm
Length of Expansion Unit	37.40 inches / 95.00 cm
Length of Expansion Unit with required front bezels	40.39 inches / 102.60 cm
and rear handles	42.72 inches / 108.50 cm
Total Height	7 inches / 17.78 cm. (4U)

## WEIGHT SPECIFICATIONS

With 2 expansion modules, PSU's, mounting kit and 60 2TB drives	212 lbs / 96 Kg
With 2 expansion modules, PSU's, mounting kit and 60 1TB drives	205 lbs / 93 Kg
Rack mounting kit only	6.61 lbs / 3 Kg

## POWER CONSUMPTION SPECIFICATIONS

Required Power	200v - 264V
Power Supplies	Dual 1600W redundant and load sharing
Typical power consumption	Depends upon the storage system being used

## COOLING CONSUMPTION SPECIFICATIONS

Typical power consumption (using SAS) 1200W	4094 BTU/s
Peak power consumption (using SAS) 3000w	10236 BTU/s
AutoMAID 4 power consumption (using SATA) 244W	833 BTU/s

## REQUIRED OPERATING CONDITIONS

Operating Temperature Range	41°F to 95°F / 5°C to 35°C
Operating Humidity Range	20% to 80% non-condensing
Operating Altitude	0 to 7,000ft / 0 to 2,133m
Non-operational Altitude	0 to 40,000ft / 0 to 12,192m

## COOLING FANS

Front Panel	3 x 120cfm 12V Axial Fans (life 40,000hrs)
PSUs	2 per PSU, 60cfm 12V Axial Fans (life 40,000hr)
Auxiliary Blower Module	4 x 10cfm 12V Radial Blower (life 40,000hr)

**NOTE:** The E60X is fixed in place. All serviceable components can be accessed from the rear or front of the system. The disks and disk cooling fans are located in 3 extractable drawers. Each drawer has its own internal cable management system, so no cable management system is required. Drawers can be pulled open and closed while remaining fully active for easy disk and cooling fan maintenance. Please contact your sales representative for additional details.