

# **PhotoFast G-Monster-PowerDrive-LSI PCIe**

PCI Express 2.0 x8 SSD module

## **Specifications\*:**

- ◆ Form factor: PCI
- ◆ Host bus: x8 PCI-Express 2.0
- ◆ Flash type: MLC
- ◆ Interface: X8 PCI Express 2.0 host bus interface
- ◆ Shock Resistance: 1300G
- ◆ Vibration Resistance: 20G Peak
- ◆ Power Supply Voltage: 12V, 5V , 3.3V  $\pm$  5%
- ◆ Power Consumption: 550mW (Operation), 50mW (Standby)
- ◆ Operation Temperature: 0°C to +70°C
- ◆ Storage Temperature: -40°C to +85°C
- ◆ MTBF: 1,500,000 hours
- ◆ Data Retention: 5 years at + 25C
- ◆ Dimensions: 235mm x 158mm x 45mm
- ◆ Weight: 1100g +/- 10g
- ◆ Controller: LSISAS2108 RAID-on-Chip (ROC) 800MHz PowerPC®

## **Features\*:**

- ◆ Available in 240GB , 480GB & 960GB MLC
- ◆ On-board cache: 512MB DDRII of local cache
- ◆ Sequential read: up to 1400MB/s
- ◆ Sequential write: up to 1500MB/s
- ◆ RAID levels 0, 1, 5 and 6; RAID spans 10, 50 and 60
- ◆ Supports Microsoft Windows Server 2003, Microsoft Windows Server 2008, MicroSoft Windows 2008R2 , MicroSoft Windows XP, MicroSoft Windows Vista and MicroSoft Windows 7, Red Hat Linux 3.0 , 4.0 and 5.0., Solaris 10 x86, SUSE Linux/SLES 9 SP4 , 10 SP3 and 11 SP1, with latest updates and service packs, VMWare ESXi 4.0
- ◆ Built-in dynamic/static wear-leveling
- ◆ Built-in ECC (Error Correction Code) 24 bit / 512byte
- ◆ S.M.A.R.T. support
- ◆ Low Power Consumption
- ◆ Shock Resistance
- ◆ CE, FCC certified
- ◆ RoHS compliant
- ◆ Designed in Japan
- ◆ Assembled in Taiwan
- ◆ 1 Year Warranty

\*manufacturer´s data