

## High-Powered WorkStation Solutions for DCC, DI and VFX Applications.



spec

- Total Editing Solution
- Intel® Xeon™ 5400S CPU, upto 3.2GHz
- 1600MHz FSB
- 15TB SATA Hard Disk Drives
- Dual 16xPCI-E Graphics Capability
- Ultra Low-Noise Enclosure
- SAS or SATA Compatibility
- Fully Upgradeable & Customisable
- HD, 2K & 4K Compatible

A total post production editing and/or grading solution in one, with all of your processing and storage requirements integrated into a single workstation. Preconfigured to work with the editing package you specify, all you have to do is turn the key. Designed with the post production industry in mind, the 8400 series workstations can be supplied to suit budget and application. With up to two 3.2GHz, 8 core, 1600MHz FSB CPU's, multi-tasking and background rendering is a given. For maximum graphical performance this workstation can be configured with up to two NVIDIA 5600 SDIs cards

### Design Led, Technology Driven.

The 8400 series has been designed with DCC, DI and VFX applications in mind. From a base system with just a mirrored O/S drive to a 15TB stand alone Workstation all applications are catered for, built on the same solid, reliable and upgradeable technology. With careful consideration given to the thermal dynamics of all potential integrated components, the optimum cooling solution has been designed to allow maximum performance with minimal dB.

### Turn-Key Ready Solution.

Driven by customer demand for a scalable and affordable Workstation, the 8400 series is ready to go and can be configured to your specification. This customisable approach allows every system to be uniquely tailored with a multitude of operating

# 8400 Series

# 8400 Series Specifications

## ■ PROCESSOR

Dual 771-pin LGA sockets.  
Supports up to two Intel® 64-bit Xeon® processors of the same type  
Quad-core Intel® Xeon® processor 5400 sequence up to 3.33GHz or  
Intel® 5400 (Seaburg) chipset: MCH and ESB2  
System bus 1600/1333/1066 MHz  
Supports 64/32 bit operating systems

## ■ MEMORY

Sixteen 240-pin FBDIMM sockets  
Up to 64GB ECC DDR2 800 fully buffered (using 4GB technology)

## ■ ON BOARD FEATURES

Supports RAID 0/1/5/10  
Intel® 82563EB gigabit ethernet controller  
Onboard XGI Z9S graphics adaptor  
Super I/O: Winbond W83627HF with hardware monitor W83793G  
Infineon SLB9635TT 1.2 TPM

## ■ I/O

Internal:  
1x IDE, 1x Floppy

External:  
2x GLAN ports, 2x PS/2 mouse and keyboard, 1x VGA, 1x COM port  
8x USB 2.0 (2x Rear, 6x Front)  
1x IEEE 1394a port, 1x microphone, 1x audio out (front)

## ■ EXPANSION

2x PCI-E x16 slots Gen 2.0 (Slot 1/Slot 3)  
2x PCI-X 133MHz slots (slot 4/Slot5)  
1x PCI 33MHz slots (Slot 6)  
1x PCI-E x8 (4x bus) (Slot 2)

## ■ SYSTEM BIOS

8Mb Phoenix® Flash ROM  
DMI 2.3, APM1.2, ACPI 1.0b, PnP (Plug and Play)

## ■ SYSTEM MANAGEMENT

Onboard voltage monitors for CPU cores, chipset voltage, memory voltage,  
+1.8V, +3.3V, +5V, +12V, -12V, 3.3V standby, 5V standby and VBAT via BIOS

CPU thermal trip support for processor protection  
Power-up mode control for recovery from AC power loss  
Auto-switching voltage regulator for CPU core

## ■ GRAPHICS

Dual NVIDIA® Quadro FX  
Dual ATI® Radeon HD

## ■ PHYSICAL DIMENSIONS

227mm x 536mm x 584mm / 8.9" x 21.1" x 23" (W x H x D)\*

\*Casters instead of feet adds 46mm/1.8"

## ■ POWER REQUIREMENTS

Input Power Requirements	100-240VAC, 50/60Hz, 4.5-1.9A
PSU Module	1000W

## ■ OPERATING SYSTEMS

Microsoft® Windows™ XP Professional  
- 32 or 64 bit available  
Microsoft® Windows™ Vista  
- 32 or 64 bit available  
Red Hat Enterprise Linux Workstation  
Custom Windows or Linux image

## ■ HARD DISK DRIVES

Max Number of Drives	15
Drive Options	73GB SAS 15K RPM 146GB SAS 15K RPM 300GB SAS 15K RPM 250GB SATA-II 7200 RPM 500GB SATA-II 7200 RPM 750GB SATA-II 7200 RPM 1TB SATA-II 7200 RPM

HDDs can be configured as a JBOD (separate disks), or in any desired RAID level for incredible data transfer rates and redundancy against disk failure.

## ■ ACCESSORIES

Peripherals:  
Keyboard & Mouse  
Floppy drive  
Dual layer DVD +/- R/W  
CR-ROM / DVD Combo



tel: +44 1483 689945  
fax: +44 1483 689950  
net: www.five-9snet