



## 3DBOXX 8500R SERIES

### The Freedom to Create, The Power to Render

#### Overview

- Rack-mount dual processor graphical workstation
- Eliminates desktops, enables centralised graphical workstations, and increases flexibility, security, and available work space
- Configured with Teradici® PCoIP® protocol for better IT management and remote access
- PCoIP technology delivers high res, full frame rate 3D graphics and HD media (with full USB peripheral interoperability) locally over a LAN or remotely over a high-latency WAN

#### Key Features

- High density design fits into a 1 RU (rack unit) space
- Rich Media Remote Desktop Experience with Teradici PCoIP
- Dual Intel® Xeon™ 5600 Series Quad or Six Core processor
- Up to 192GB of DDR3 Memory
- Up to two Full Height, Dual Slot, best-in-class graphics cards

#### Specifications

##### Processors

- Intel® Xeon™ 5600 Series Quad or Six Core Processor with 1333/1066/800 MHz System Bus
- Intel® 5520 Chipset with QPI up to 6.4GT/S and the ICH10R.
- Support 64 or 32 Bit Operating Systems

##### Memory

- Twelve 240-pin (DIMM) sockets
- Support for DDR3 1333 MHz Registered ECC Memory Expandable up to 192GB Based on 1GB, 2GB, 4GB, 8GB and 16GB DDR3 ECC Reg Modules

##### Bays

- Three 3.5" hot - swap drive trays
- One Slim DVD Internal Drive (optional)

##### Hard Drives

- SATA 3.5 7200 RPM 80GB to 2TB\*
- SATA 2.5 SSD 80GB to 160GB\*
- SAS 3.5 15k RPM 146GB to 450GB\*

\*Hard Drive capacity is subject to increase due to the availability of the latest technology

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**Ports**

- Rear: Four USB 2.0, two RJ-45 Integrated Intel Gigabit LANports, one RJ-45 dedicated LAN port for Integrated IPMI 2.0 + KVM

**Expansion Slots**

- 2x PCI-E 2.0 x16 (Full Height, Full Length, Dual Width)
- 1x PCI-E 2.0 x4 (in x16 slot, Low Profile)  
or
- 1x PCI-E 2.0 x16 (Full Height, Full Length, Dual Width)
- 2x PCI-E 2.0 x8 (in x16 slot, Full-Height, Full Length)
- 1x PCI-E 2.0 x4 (in x16 slot, Low Profile)

**Power Supply**

- 1400 Watt Power Supply - 80 Plus Gold

**Graphics**

- Matrox G200eW
- Professional Single or Dual Graphic Cards (optional)

**System Management**

- One Intelligent Platform Management Interface (IPMI) Version 2.0 with KVM Over IP

**Remoting Protocol**

- Teradici PCoIP option available

**Chassis**

- 1U rack mount
- 17.2" W x 1.7" H x 28.2" D

**Operating Systems**

- Microsoft® Windows™ 32-bit or 64-bit
- SUSE and Red Hat Available

**Optional Accessories**

- USB Mouse/Keyboard

**Service & Support**

- 3-Year standard warranty
- Expert support via phone and e-mail M-F, 7AM-6PM CST

\*Wide Range of Custom Configurations Available

For more information, contact us on 020 7348 1920 or email us on [technology@escapestudios.com](mailto:technology@escapestudios.com).

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