



# WS114

Cutting Edge, 45nm Quad-Core 3D Graphics Workstation. Engineered with the Very Latest Intel® Core i7 QUAD-Core Processing Power to Remove the Bottlenecks Associated with the Most Complex of Visualisation Workflows.

Developed to Enhance 3D Productivity, Reduce Project Time to Market (TTM) and Improve Financial Return Of Investment (ROI).

## Engineered with Rock Solid Stability as Standard!

- Intel® Core i7 Quad-Core Technology
- Latest 45nm Intel® CPU Architecture
- Available with Speeds up to 3.20GHz
- Latest High Speed, DDR-3 Triple Channel Memory
- Up to 24GB of System RAM
- NVIDIA Quadro® FX / ATI FirePro™ Graphics
- Low Noise/Silent Operation
- Low Power, Energy Efficient Design  
and more....





# Specification

## Processor (s)

LGA-1366 Intel® Core™ i7 & i7 Extreme 64Bit Quad-Core

- 8MB Shared Level 3 Cache - 1066Mhz Memory Speed
- Intel® EM64T Memory Architecture & EDB
- Wide Dynamic Execution + Intelligent Power Capability
- Intel® Quick Path Interconnect
- Intel® Dynamic Core Over-Clocking Technology
- On-Die/Integrated Memory Controller
- Advanced Smart Cache & Smart Memory Access
- Intel® Digital Media Boost with Speedstep Technology

## Memory

SIX DDR3 DIMM Sockets - Support for Max. 24GB Memory

- Triple Channel Interleaved Memory Banks
- Memory Must Be Populated in Three's
- Low Power, Energy Efficient Design

## Graphics

ISV Certified Professional Workstation Graphics

- NVIDIA Quadro® FX Graphics Cards (Max. 4GB)
- ATI FireGL™/FirePro™ Graphics Cards (Max. 2GB)
- Full Support for Single & Dual-Link LCD Monitors
- Dual Display Outputs (DVI & Display Port)
- High Speed x16 PCI-Express Gen2 Graphics Interface

## Storage

Support for up to SIX Hard Disk Drives (Max 6.0TB)

- SATA 3.0GB/Sec - 80GB to 1.0TB (7,200rpm)
- SATA 3.0GB/Sec - 74GB to 300GB (10,000rpm)
- SAS 3.0GB/Sec - 74GB to 300GB (15,000rpm)

## On Board Devices

- Intel® X58 Professional Workstation Chipset
- Intel® ICH10/R SATA Host RAID Controller
- Support for RAID 0, 1 & JBOD
- Intel® Gigabit Ethernet Controller
- Intel® High Definition Audio

## Input/Output

External

- 100% Legacy Free (No PS/2, Serial/Parallel Ports)
- 1x Gigabit Network Interface Port (RJ45)
- High Definition Audio Ports (Rear)
- 1x FireWire 400, 2x USB2.0 + Audio Out/Mic (Front)
- 1x FireWire 400 & 6x USB2.0 (Rear)

Internal

- 6x SATA 3.0GB/Sec Ports
- 1x E-IDE Ultra DMA 100 Bus Master Interface



## Misc.

Expansion Slots

- 2x PCI-Express x16 Interface
- 2x PCI 33MHz

Weight & Dimensions

- 465x 210x472mm (HxWxD) - Weight: 15Kg (Approx)

Power Usage

- Idle: 250W - On-Load: 400W (Typical Configuration)

## Available Options

Operating System

- Microsoft® Windows™ XP/Vista (32 & 64Bit)

Peripherals

- DVD/RW & BluRay/RW Optical Drive
- USB Floppy Disk Drive
- Selection of USB Keyboard/Mouse Options Available