

# P4414 4U Industrial Server

- ▶ Rugged Industrial 4U Server
- ▶ Hot Swap Redundant Power Options
- ▶ Hot Swappable RAID Storage Options
- ▶ Front Cleanable Dust Filter
- ▶ Shock Mounted Drive Bay
- ▶ Range of Processor Options
- ▶ Up to 7 Expansion Slots



Westek's P4414 Industrial 4U Server is designed for use in industrial or demanding IT environments where a cost effective reliable server platform with flexible processing power and a choice of expansion slots is required.

The P4414 is a customisable server system with a wide choice of storage, power supply and processor options including support for cost effective Core 2 Duo, and the latest family of Dual Core Xeon and Quad Core Xeon processors.

A typical specification provides :

- ▶ Intel® Embedded low power Core 2 Duo, Dual Core or Quad Core Xeon Processor(s)
- ▶ Full Size Expansion Slots with Options for PCI, PCI-X or PCI-Express
- ▶ Secured Anti-Vibration Fixings for Expansion Slots
- ▶ Gbit Ethernet Interfaces, Serial Ports and USB Ports
- ▶ Fully Shock Mounted Removable Hard Disk Drives with Hot Swap RAID Options
- ▶ Auto Ranging Dual Redundant AC Power Supply (DC Options Available)
- ▶ Lockable Front Door Access to Controls and Drive Bay Area
- ▶ Front Access Cleanable / Replaceable Dust Filter
- ▶ Up to 3 x 5.25" Device Bays to accept 5.25", 3.5", 2.5" or Custom Form Factor Devices

The chassis is constructed from tough heavy duty cold rolled electroplated steel and meets the EIA RS-310C 19" rack mount industry standard.

The front air filter is removable and washable and is accessed via a simple thumbscrew secured front door panel. The power and reset switch are located in the drive bay area behind a lockable front door for access protection. LED's for power and HDD activity are also provided.

## Server Engine

- ▶ Choice of Intel® Chipset Server Engine
- ▶ SKT 775, SKT 1336 or SKT 771
- ▶ Core 2 Duo, Dual or Quad Core Xeon
- ▶ Up to 1333MHz FSB
- ▶ Up to 8GB / 24GB DDR2 / DDR3 Memory
- ▶ SATA or SAS Disk Interface Options
- ▶ Options for Multiple RS232 Serial Ports
- ▶ Options for Multiple Ethernet Ports
- ▶ Options for Multiple USB 2.0 Ports
- ▶ Integrated Graphics or Add in High Performance Graphics Options
- ▶ Call Westek to Discuss Your Requirements



### Example configurations:

Option 1 : 2.8GHz or 3GHz Core 2 Duo. Q35 Chipset, 8GB RAM, 5 PCI + 2 PCI-Express Slots, Dual Gbit Ethernet, USB, RS232,

Option 2 : 5500 Series Quad Core Xeon SKT1366, X58 Chipset, 24GB RAM, 2 PCI + 4 PCI –Express Slots, Dual Gbit Ethernet.

Option 3 : Dual 5400 Series Quad Core Xeon SKT 771, 5100 Chipset, 24GB RAM, 5 PCI-Express Slots, Dual Gbit Ethernet.

## Storage

Options for up to 4 fixed or hot swap 3.5” SAS or SATA Disk Drives up to 2TBytes each or CD/DVD or other 5.25” device. RAID Data protection is available for both SAS and SATA Disks with support for RAID 1 mirroring, RAID 5 or RAID 10.

## Environment

Operating :

- ▶ Temperature Range : 0 to +45 Deg C
- ▶ Humidity : 10 to 90% Humidity Non-Condensing
- ▶ Vibration : up to ~0.25G 10Hz to 500Hz
- ▶ Shock: 10G / 11mSec

## Physical

- ▶ Dimensions: 480(W) x 177(H) x 510(D) mm
- ▶ Weight (Net): Approximately 23Kg (depending on build options)
- ▶ CE Compliance: EEC EMC & Safety
- ▶ Designed to Meet UL and FCC Requirements
- ▶ RoHS Compliant
- ▶ Power (AC Option) Typically 250Watts, Auto-ranging 96—265V AC 50-60Hz

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Specifications subject to change without notice

