



## PRODUCT BRIEF

### P4500N

### 4U WORKSTATION/SERVER/STORAGE

Westek's range of industrial products are designed for use where a reliable, cost-effective solution is required. The P4500N is part of Westek's well established and field proven industrial computer family, and can be built to meet customer environmental and application requirements.

The P4500N provides workstation, server or storage capability with Intel® Core™ or Xeon® processors in a custom 4U 19" rack mount chassis. Its rear I/O offers a variety of interfaces including multiple USB, Ethernet, and display ports.



### Specification<sup>1</sup>

- Intel® Core™, Xeon® or dual Xeon® options providing up to 32 cores
- AC or DC power input
- Direct rear interface I/O
- Up to 512GB DDR4 memory
- Up to 184TB removable storage with RAID options
- Multiple output HD graphics options
- OS options including Microsoft® Windows®, VMWare, and various Linux distributions

### I/O Options<sup>1</sup>

- Power input
- Display options: VGA, HDMI, DisplayPort
- USB 2.0 and USB 3.2
- Serial RS-232/422/485
- IPMI remote management, RAID management
- Remote power on/off signal
- 1GbE copper, 10GbE copper, 10/25GbE fibre
- SBC & backplane option for increased I/O availability

### Physical Features<sup>2</sup>

- In house designed, custom built rugged steel enclosure
- Dimensions: 431 (W) x 176 (H) x 485 (D) mm excluding connectors<sup>2</sup>
- Weight: ~23kg, final weight is dependent on specific system configuration<sup>2</sup>
- RoHS and REACH compliant
- Designed to comply with customer defined standards, verification by a third party accredited test lab available<sup>3</sup>

### Deployment Features

- Industrial chassis
- Corrosion resistant powder coat finish with various colour options
- Redundant, hot-swap power supply options for high availability
- Options for functional lab models of all rugged servers and workstations
- High performance cooling

## Environmental Specifications

All specifications are dependent on build options and may vary depending on components selected. Please advise our Sales team of your specific environmental requirements to enable us to provide the right solution for your needs.

	Operating	Non-Operating
Low temperature <sup>4</sup>	0°C	-40°C
High temperature <sup>4</sup>	+35°C	+71°C
Altitude	Up to 5,000m	Up to 10,000m

## EMC Capabilities

- UKCA/CE Compliant
- Designed to meet UL & FCC requirements<sup>3</sup>



## Notations

<sup>1</sup>Software, hardware and accessories may vary depending on configuration

<sup>2</sup>Weight and dimensions vary from configurations and optional accessories

<sup>3</sup>Designed to meet customer defined standards, verification by a national independent third party test lab available at additional cost

<sup>4</sup>Temperature operating range may vary depending on component selection

Customisations are at time of manufacture only



**Over 30 years' experience** designing and manufacturing  
**high quality, rugged, mission critical IT solutions** for use  
in extreme environments

## Contact Us

To find out more about our customisable solutions and discuss your specific requirements, please contact:

Westek Technology Limited

Unit 1 Lancaster Park Industrial Estate  
Bowerhill, Melksham, Wiltshire, SN12 6TT

T: +44 (0)1225 790600

E: sales@westek.co.uk

W: www.westek.co.uk

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