WESTEK
TECHNOLOGY

PRODUCT BROCHURE
2023

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

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RUGGED IT & ELECTRONICS

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Designed for Performance and Reliability

We design and manufacture a wide selection of 19-inch rack mount and custom form factor computer platforms. Our range of rugged products include high performance servers and data storage systems, displays and KVM consoles, network switches, uninterruptable power supplies, and peripherals.

Our servers can be customised to meet individual application requirements, and our inhouse designed chassis can be tailored to meet environmental requirements.

Options include:

- RAID performance and redundancy
- Enhanced ingress protection up to IP65
- Redundant power supplies
- EMC and environmental performance to aspects of MIL-STD-461, MIL-STD-810, DefStan and TEMPEST
- A wide range of practical features for successful field deployment

Ensuring mission success since 1987

Westek Technology is a market leader in field-proven high quality, high availability, rugged products for military and industrial customers. Our customers trust us to provide integrated, mission critical, solutions that exceed expectations.

Our rugged products are designed and manufactured to operate reliably in the harshest of environments. Our comprehensive range includes computer servers, workstations, integrated systems and peripherals.

We are proud of our 30-year heritage as a British manufacturer, with systems deployed to customers across 70 countries.

	Category		Height		Series		Internal		I/O		Material
P	Server	1	1U	2	Ultra rugged	1	DC out	4	Direct interface	A	Solid aluminium sides
C	Conduction cooled	2	2U	3	Special purpose front	2	AC out	6	MIL interface	L	Sheet aluminium
D	Dual system	3	3U	4	Removable fans	9	Ruggedised	0	Industrial FUM	M	Milled aluminium
K	KVM display drawer	4	4U	5	High airflow	0	Industrial			N	Industrial steel
M	UPS	5	5U	7	Enhanced IP					R	Sheet steel
S	Switch	9	Other	8	High density storage						
V	External										
W	Display										

Westek's sales team will use the naming convention to find the product that is right for your application requirements

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C2296M

The C2296M provides rugged workstation capability in a custom small form factor chassis.

Specification[1]

- Intel® Core™ CPU up to 10 cores
- 18 - 34V DC power input via MIL rugged connector
- Power protection components and EMI filtering
- Rugged I/O
- Up to 64GB DDR4 memory
- Up to 2TB internal storage
- Option for multiple display outputs
- OS options including Microsoft® Windows®, VMWare, and various Linux distributions
- Dimensions: 244 (W) x 125 (H) x 320 (D) mm excluding connectors[2]
- Weight: ~13kg, final weight is dependent on specific system configuration[2]
- Additional cooling module may be required depending on configuration

C3296M

The C3296M provides rugged server capability in an ultra-rugged custom form factor chassis.

Specification[1]

- Intel® Xeon® CPU up to 16 cores
- 18 - 32V DC power input via MIL rugged connector
- Power protection components and EMI filtering
- Rugged front interface I/O
- Up to 128GB DDR4 ECC memory
- Up to 46TB removable storage with RAID options
- Option for multiple display outputs
- Operates up to 40,000ft
- OS options including Microsoft® Windows®, VMWare, and various Linux distributions
- Dimensions: 424 (W) x 134 (H) x 500 (D) mm excluding connectors[2]
- Weight: ~35kg, final weight is dependent on specific system configuration[2]

EMC Capabilities & Compliance

- UKCA/CE compliant
- Designed to meet UL & FCC requirements[3]
- Designed to meet aspects of MIL-STD-461[3]
- RoHS & REACH compliant

Field Deployment Features

- Ultra-rugged, milled aluminium chassis
- IPMI remote management for fault diagnostics
- IP65 dust and water ingress protection
- Rugged connectors with dust caps to prevent ingress when not in use
- Mounting points for installation in any orientation

Environmental Specifications

	Operating	Non-Operating
Low temperature[4]	-20ºC	-40ºC
High temperature[4]	+55ºC	+71ºC
Vibration[3][5]	2G 10Hz to 2000Hz	4G 10Hz to 2000Hz
Shock[3][5]	20G 11msec	40G 11msec
Altitude	Up to 5,000m	Up to 10,000m
Humidity	IP65 sealed	

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.

FEATURED PRODUCT ◊ ULTRA-RUGGED SERVER

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P2296A - 2U Server

The P2296A provides ultra-rugged server capability in a custom 2U 19" rack mount low depth chassis.

Field Deployment Features

- IPMI & RAID remote management for fault diagnostics
- Field replaceable BIOS battery option
- IP50 ingress protection
- Corrosion resistant powder coat finish with various colour options
- Ruggedised and conformally coated electronics for operation in harsh environments

Physical Features[2]

- Dimensions: 431 (W) x 88 (H) x 430 (D) mm excluding connectors[2]
- Weight: ~15kg, final weight is dependent on specific system configuration[2]
- RoHS and REACH compliant
- Designed to comply with customer defined standards, verification by a third party accredited test lab available[3]

Specification[1]

- Single Intel® Xeon® or Dual Xeon® options up to 32 cores
- In house designed aluminium low depth chassis 430mm
- AC or DC power input via MIL rugged connector
- Power protection components and EMI filtering
- High-efficiency, intelligent cooling system
- Options for additional modules including high performance hardware RAID, further network modules, and audio
- Rugged rear interface I/O
- Up to 512GB DDR4 ECC memory
- Up to 69TB removable storage with RAID options
- Multiple output HD graphics options
- OS options including Microsoft® Windows®, VMWare, and various Linux distributions

EMC Capabilities

- UKCA/CE compliant
- Designed to meet UL & FCC requirements[3]
- Designed to meet aspects of MIL-STD-461[3]

Environmental Specifications

	Operating	Non-Operating
Low temperature[4]	-20ºC	-40ºC
High temperature[4]	+55ºC	+71ºC
Vibration[3][5]	2G 10Hz to 2000Hz	4G 10Hz to 2000Hz
Shock[3][5]	20G 11msec	40G 11msec
Altitude	Up to 5,000m	Up to 10,000m
Humidity	10-95% non-condensing	

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.

RACK MOUNT RUGGED 1U to 4U SERVERS & WORKSTATIONS

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Westek's range of rack mounted rugged servers are designed for use in extreme environments where a reliable, cost-effective solution is required. With standard features including EMI filtering, humidity protection, high-efficiency system cooling, IP5x ingress protection, and shock and vibration protection combined with a powerful server engine, our servers are designed to tackle the most demanding of applications in the most challenging of environments.

All Westek servers can be built to meet customer environmental and application requirements, and are easily customisable to incorporate extra modules including options for additional data security, networking, and audio. For a full breakdown of all Westek products, our experienced Sales Team can help you find the perfect solution. Please **contact us** to find out more.

Our Range

Westek's portfolio of rack mount rugged servers and workstations includes a wide variety of units to ensure there is always a solution to suit your application requirements.

Options include:

- 1U to 4U in house designed custom chassis
- Single and dual computer capability
- Rugged storage server options with hot swap SSDs
- Rugged connector panels or direct interface I/O
- Power protection components including EMI filtering
- All Westek products are compliant to UKCA/CE, RoHS and REACH
- Ruggedised and conformally coated electronics for operation in harsh environments

- Field replaceable fan modules and BIOS batteries
- AC and DC power options
- Wide variety of operating systems including Microsoft® Windows®, VMware and various Linux distributions
- IP50 to IP55 ingress protection
- Redundant power supply options
- Ruggedisation and integration of third party hardware

Field Deployment Features

- IPMI remote management for fault diagnostics
- IP50 dust and water ingress protection (additional ingress protection available on some models)
- Field replaceable BIOS battery option
- Corrosion resistant powder coat finish with various colour and texture options
- Ruggedised and conformally coated electronics for operation in harsh environments
- High performance cooling
- Features may vary between models
- UKCA/CE compliant
- Designed to meet UL & FCC requirements[3]
- Designed to meet aspects of MIL-STD-461[3]

Environmental Specifications

All of our rackmount servers have been designed to meet the following:

	Operating	Non-Operating
Low temperature[4]	–20ºC	–40ºC
High temperature[4]	+55ºC	+71ºC
Vibration[3][5]	2G 10Hz to 2KHz*	4G 10Hz to 2KHz*
Shock[3][5]	20G 11msec	40G 11msec
Altitude	Up to 5,000m	Up to 10,000m
Humidity	10-95% non-condensing	

*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. *Up to 500Hz for direct interface servers.*

FEATURED PRODUCTS ◇ BEST SELLERS

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Westek's tried and tested P2496R and P2896R servers are staples of our product catalogue. Thoroughly field proven, they have been in service all over the world in applications ranging from submarines to aircraft.

P2896R - 2U Storage Server

P2496R 2U Workstation/Server

Specification[1]

- Single Intel® Xeon® CPU up to 16 cores
- AC or DC power input via MIL rugged connector
- Power protection components and EMI filtering
- MIL rugged rear interface I/O
- Up to 512GB DDR4 ECC memory per system
- Up to 92TB removable storage on front access, wide temperature SSDs with hot swap capability
- Options for high performance dedicated hardware RAID controller
- Data protection capabilities including full data encryption
- IPMI remote diagnostics & RAID data protection
- Powerful cooling system to maintain system life
- OS options including Microsoft® Windows®, VMWare, various Linux distributions, and storage based software including Open-E
- Dimensions: 431 (W) x 88 (H) x 550 (D) mm excluding connectors[2]
- Weight ~19kg (depending on final system specific configuration)

Specification[1]

- Single Intel® Core™, Xeon® or dual Xeon® options up to 32 cores
- IP50 and IP53 dust and water ingress protection options
- AC or DC power input via MIL rugged connector
- Power protection components and EMI filtering
- MIL rugged rear interface I/O
- Up to 512GB DDR4 ECC memory per system
- Up to 46TB removable storage with RAID options
- Multiple output HD graphics
- IPMI & RAID remote management for fault diagnostics
- Dimensions: 431 (W) x 88 (H) x 550 (D) mm excluding connectors[2]; Weight: ~18kg

The P2896R installed into a case with Westek's M2316R 2U UPS

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P2796L – 2U IP55 Workstation/Server

Specification[1]

- Single Intel® Core™, Xeon® or dual Xeon® options up to 24 cores
- AC or DC power input via MIL rugged connector
- IP55 dust and ingress protection
- Power protection components and EMI filtering
- MIL rugged front interface I/O
- Up to 512GB DDR4 ECC memory per system
- Up to 23TB removable storage with RAID options
- Multiple output HD graphics
- OS options including Microsoft® Windows®, VMWare, and various Linux distributions
- Dimensions: 431 (W) x 88 (H) x 450 (D) mm excluding connectors[2]; Weight ~12kg

D1596R – 1U Dual Workstation

Specification[1]

- Dual Intel® Core™ CPUs up to 10 cores each
- 12 – 34V DC power input via MIL rugged connector
- Power protection components and EMI filtering
- MIL rugged rear interface I/O
- Up to 64GB DDR4 memory per system
- Up to 46TB removable storage with RAID options
- Integrated HD graphics
- Dimensions: 431 (W) x 44 (H) x 550 (D) mm excluding connectors[2]; Weight ~9kg

P1596R – 1U Workstation/Server

Specification[1]

- Single Intel® Core™, Xeon™ or dual Xeon® options up to 20 cores
- AC or DC power input via MIL rugged connector
- Power protection components and EMI filtering
- MIL rugged rear interface I/O
- Up to 64GB DDR4 ECC memory per system
- Up to 46TB removable storage with RAID options
- Integrated HD graphics
- OS options including Microsoft® Windows®, VMWare, and various Linux distributions
- Dimensions: 431 (W) x 44 (H) x 550 (D) mm excluding connectors[2]; Weight: ~15kg

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P4496R - 4U Server/Storage Server

Specification[1]

- Single Intel® Xeon® or dual Xeon® options up to 32 cores
- AC, DC or dual power input via MIL rugged connector
- Power protection components and EMI filtering
- MIL rugged rear interface I/O
- IP50 and IP53 dust and water ingress protection options
- Up to 512GB DDR4 ECC memory per system
- Up to 184TB removable storage with RAID options
- Integrated UPS for enhanced availability
- OS options including Microsoft® Windows®, VMWare, and various Linux distributions
- Dimensions: 431 (W) x 176 (H) x 600 (D) mm excluding connectors[2]; Weight ~30kg

P3496R - 3U Workstation/Server

Specification[1]

- Single Intel® Core™, Xeon® or dual Xeon® options up to 32 cores
- AC or DC power input via MIL rugged connector
- Power protection components and EMI filtering
- Field replaceable front fan module
- Up to 512GB DDR4 ECC memory per system
- Up to 46TB removable storage with RAID options
- MIL rugged rear interface I/O
- Multiple output HD graphics
- OS options including Microsoft® Windows®, VMWare, and various Linux distributions
- Dimensions: 431 (W) x 132 (H) x 500 (D) mm excluding connectors[2]; Weight ~17kg

P4396L - 4U Server

Specification[1]

- Single Intel® Xeon® CPU up to 16 cores
- AC, DC or dual power input via MIL rugged connectors
- Power protection components and EMI filtering
- MIL rugged rear interface I/O
- Up to 512GB DDR4 ECC memory per system
- Up to 61TB removable storage with RAID options
- Integrated 6.5" touchscreen display, holdup module and network switch
- Dimensions: 431 (W) x 176 (H) x 401 (D) mm excluding connectors[2]; Weight ~23kg

RUGGED DIRECT INTERFACE SERVERS & WORKSTATIONS

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Westek's rugged direct interface servers are ideal for use in applications where a rugged solution is required without the need for full rugged connectors. Their lower depth chassis make them suitable for installations with a small space envelope, and their rear I/O offer a variety of interfaces including multiple USB, Ethernet and display ports.

P1594L - 1U Workstation/Server

Specification[1]

- Single Intel® Core™ or Xeon® options up to 10 cores
- AC or DC power input via MIL rugged connector
- Power protection components and EMI filtering
- Up to 64GB DDR4 ECC memory per system
- Up to 23TB removable storage with RAID options
- Integrated HD graphics
- Dimensions: 431 (W) x 44 (H) x 450 (D) mm excluding connectors[2]; Weight ~12kg

D1594L - 1U Dual Workstation

Specification[1]

- Dual Intel® Core™ CPU systems up to 10 cores each
- 12 - 34V DC power input via MIL rugged connector
- Power protection components and EMI filtering
- Up to 64GB DDR4 memory per system
- Up to 46TB removable storage with RAID options
- Integrated HD graphics
- Dimensions: 431 (W) x 44 (H) x 450 (D) mm excluding connectors[2]; Weight ~15kg

EMC Capabilities & Compliance

- UKCA/CE compliant
- Designed to meet UL & FCC requirements[3]
- Designed to meet aspects of MIL-STD-461[3]
- RoHS & REACH compliant

Field Deployment Features

- IPMI remote management for fault diagnostics
- Low depth chassis
- Corrosion resistant powder coat paint finish with various colour options
- Ruggedised and conformally coated electronics
- High performance cooling

Environmental Specifications

	Operating	Non-Operating
Low temperature[4]	-20ºC	-40ºC
High temperature[4]	+55ºC	+71ºC
Vibration[3 5]	2G 10Hz to 500Hz	4G 10Hz to 500Hz
Shock[3 5]	20G 11msec	40G 11msec
Altitude	Up to 5,000m	Up to 10,000m
Humidity	10 - 95% non-condensing	

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.

RUGGED DIRECT INTERFACE SERVERS & WORKSTATIONS

P3494R - 3U Workstation/Server

Specification[1]

- Single Intel® Core™, Xeon® or dual Xeon® options up to 32 cores
- AC or DC power input via MIL rugged connector
- Power protection components and EMI filtering
- Direct rear interface I/O
- Up to 512GB DDR4 ECC memory per system
- Up to 46TB removable storage with RAID options
- IPMI & RAID remote management for fault diagnostics
- Multiple output HD graphics
- Dimensions: 431 (W) x 132 (H) x 420 (D) mm excluding connectors[2]
- Weight: ~17kg depending on final configuration

P2494R - 2U Workstation/Server

Specification[1]

- Single Intel® Core™, Xeon® or dual Xeon® options up to 32 cores
- AC or DC power input via MIL rugged connector
- Power protection components and EMI filtering
- Up to 512GB DDR4 ECC memory per system
- Up to 46TB removable storage with RAID options
- Multiple output HD graphics
- Dimensions: 431 (W) x 88 (H) x 500 (D) mm excluding connectors[2]; Weight: ~15kg

P2894R - 2U Storage Server

Specification[1]

- Single Intel® Xeon® CPU up to 16 cores
- AC or DC power input via MIL rugged connector
- Power protection components and EMI filtering
- Up to 512GB DDR4 ECC memory per system
- Up to 92TB removable storage with RAID options
- IPMI & RAID remote management for fault diagnostics
- Dimensions: 431 (W) x 88 (H) x 550 (D) mm excluding connectors[2]; Weight: ~15kg

INDUSTRIAL WORKSTATION/SERVERS

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Westek's rugged industrial servers are ideal for use when a reliable solution is needed without the requirement for a full MIL rugged system. They are also suitable for use as a functional lab model.

Our Range

Westek's industrial rack mount servers and workstations offer a wide variety of options to ensure there is always a solution to suit your application requirements.

- 1U to 4U in house designed custom chassis
- Single and dual computer capability
- Front accessible hot swappable SSDs
- All Westek products are compliant to UKCA/CE, RoHS and REACH
- Field replaceable fan modules and BIOS batteries

- AC and DC power options
- Wide variety of operating systems including Microsoft® Windows®, VMware and various Linux distributions
- Redundant power supply options
- Integration of third party hardware

EMC Capabilities & Compliance

- UKCA/CE compliant
- Designed to meet UL & FCC requirements[3]
- RoHS & REACH compliant

Field Deployment Features

- IPMI remote management for fault diagnostics
- Low depth chassis with corrosion resistant powder coat paint 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
- OS options including Microsoft® Windows®, VMWare, and various Linux distributions
- High performance cooling

P4500N - 4U Workstation/Server/Storage

Specification[1]

- Intel® Core™, Xeon® or dual Xeon® options
- Corrosion resistant powder coat finish
- AC or DC power input
- Up to 512GB DDR4 memory
- Up to 184TB removable storage with RAID options
- Redundant, hot-swap power supply options
- Multiple output HD graphics options
- Dimensions: 431 (W) x 176 (H) x 485 (D) mm excluding connectors[2]; Weight ~23kg

Environmental Specifications

	Operating	Non-Operating
Low temperature[4]	−20ºC	−40ºC
High temperature[4]	+55ºC	+71ºC
Maximum temperature gradient: 20ºC/h		

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.

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P2400N - 2U Workstation/Server

Specification[1]

- Single Intel® Core™, Xeon® or dual Xeon® options
- AC or DC power input
- Up to 512GB DDR4 ECC memory per system
- Up to 46TB removable storage with RAID options
- Hot-swappable front fan module
- Multiple output HD graphics
- Dimensions: 431 (W) x 88 (H) x 500 (D) mm excluding connectors[2]; Weight ~15kg

P1500N - 1U Workstation/Server

Specification[1]

- Single Intel® Core™ or Xeon® options up to 10 cores
- AC or DC power input
- Direct rear interface I/O
- Up to 64GB DDR4 ECC memory per system
- Up to 23TB removable storage with RAID options
- Integrated HD graphics
- Dimensions: 431 (W) x 44 (H) x 450 (D) mm excluding connectors[2]; Weight ~12kg

P3400N - 3U Workstation/Server

Specification[1]

- Single Intel® Core™, Xeon® or dual Xeon® options
- AC or DC power input
- Up to 512GB DDR4 ECC memory per system
- Up to 64TB removable storage with RAID options
- Hot-swappable front fan module
- Multiple output HD graphics
- Dimensions: 431 (W) x 132 (H) x 420 (D) mm excluding connectors[2]; Weight: ~17kg

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M4316R - 4U 28V AC-DC UPS

Specification[1]

- 28V DC output up to 80A
- Auto-ranging 100-265V AC input
- 25AH capacity
- Sealed rugged long life VRLA battery pack
- AC fail and low battery alarms
- Output overload protection with resettable circuit breaker
- Dimensions: 431 (W) x 176 (H) x 600 (D) mm excluding connectors[2]
- Weight: ~50kg, final weight is dependent on specific system configuration[2]
- IP53 dust and water ingress protection
- Field replaceable sealed battery pack and cooling module

M2316R - 2U 28V AC-DC UPS

Specification[1]

- 28V DC output up to 80A
- Auto-ranging 100-265V AC input
- 8 and 16AH capacity options
- Sealed rugged long life VRLA battery pack
- AC fail and low battery alarms
- Output overload protection with resettable circuit breaker
- Dimensions: 431 (W) x 88 (H) x 600 (D) mm excluding connectors[2]
- Weight: ~33kg, final weight is dependent on specific system configuration[2]

- IP53 dust and water ingress protection
- Field replaceable sealed battery pack and cooling module

RUGGED NETWORK SWITCHES

S1546A - 1U 28 Port Switch

Specification[1]

- 24 x 10/100/1000 Mbps copper ports
- 4 x 10Gbps copper, short range or long range fibre ports
- Fully featured L2/3 Ethernet switch
- AC or DC power input
- Power protection components and EMI filtering
- PoE option available (up to 30W per port)
- Dimensions: 431 (W) x 44 (H) x 450 (D) mm excluding connectors[2]; Weight ~10kg

RUGGED DISPLAYS

17" KVM Display Drawers

Choose from the 1U K1796L, or the lower depth 2U K2796L KVM display drawer.

Specifications[1]

- 17" 1280x1024 SXGA LCC display
- Power saving LED backlight with extended operating life
- Options for built in KVM switch
- AC or DC power input
- Power protection components and EMI filtering
- Touchscreen option available
- UK layout QWERTY keyboard as standard, other options available on request
- Integrated FSR HulaPoint pointing device

Environmental Specifications

	Operating	Non-Operating
Low temperature[4]	-20ºC	-40ºC
High temperature[4]	+55ºC	+71ºC
Vibration[3][5]	2G 10Hz to 1000Hz	4G 10Hz to 1000Hz
Shock[3][5]	20G 11msec	40G 11msec
Altitude	Up to 5,000m	Up to 10,000m
Humidity	10-95% non-condensing	

K1796L

Westek's 1U rackmount display drawer

- Dimensions: 431 (W) x 44 (H) x 600 (D) mm excluding connectors[2]
- Weight: ~15kg, final weight is dependent on specific system configuration[2]

K2796L

Westek's 2U low depth option

- Dimensions: 431 (W) x 88 (H) x 450 (D) mm excluding connectors[2]; Weight ~15kg
- Option for compliance to MIL-STD-461 Ground Army Limits

W9796L - 28" 4K DISPLAY

Specification[1]

- 28" 4K Ultra High Definition LCD
- 3840 x 2160 resolution
- Wide viewing angle and fast response time
- WLED backlight
- Active area 621 x 341 mm
- AC and DC power input options
- Power protection components and EMI filtering
- Dimensions: 720 (W) x 475 (H) x 73 (D) mm excluding connectors[2]; Weight ~12kg
- Operating temperature 0ºC to +55ºC
- VESA mount option 100x100x200

WESTEK SERVICES

Standard & Extended Warranties

As standard, all of Westek's own manufactured products carry a two year warranty against manufacturing defects. This includes customised and bespoke systems, and offers global technical support coverage.

This period of warranty and support is extendable at time of purchase by taking out one of our extended warranty agreements. In the event of a failure, our team will work closely with you to help reduce any down time and avoid any costly delays.

Westek provides free help-desk support to its customers for products within the warranty period. Customers may contact our help-desk by telephone (from 8.30am to 5.30pm UK time, on working days) or by email. Our standard warranty is a return to base warranty; this can be upgraded to an onsite service detailed in the Technical Support section below.

Technical Support

Westek have a dedicated team of engineers fully trained and equipped to repair, upgrade and maintain Westek equipment. Along with partner support companies, Westek offer a comprehensive global support service. Our engineers have many years' experience working with a variety of systems and operating systems, allowing us to address a wide range of computer problems. All of our support services are monitored and evaluated to ensure we deliver a high level of customer satisfaction.

Obsolescence Management

Westek understands that the lifespan of some projects can extend 10+ years into the future. With the technology industry moving at an ever increasing pace, critical components can go end of life before projects end.

To ensure minimal disruption from changing parts mid-way through a project, Westek can provide an obsolescence management service tailored to meet your application needs. This service includes:

- Regular reports to ensure any component end of life information is shared downstream

- Pre-purchase of components to be used in future builds or held as service spares in the event of part failure

- Storage of components at Westek to reduce the handling of components

- Advice and technical refreshes and suitable component alternatives

Customisation & Bespoke Design

Full custom design and manufacturing services are available for OEMs, including designs for special environmental and electromagnetic requirements and proprietary form factors.

Our expert team of mechanical and system engineers can provide system specifications and 3D models for design approval, prototyping services and project management aligned to the customer's review structure.

Westek also provides full integration services for third party interface cards, software installation and configuration, and system testing.

Certification

The majority of Westek products are designed to meet the demanding requirements of military standards. As an additional service we work with various accredited test houses to provide certification to customer requirements.

Examples of standards that Westek equipment has been tested and certified to meet include:

- MIL-STD-461F : CE-102, CS-101, CS-114, CS-115, CS-116, RE-102 (Ground Army Limits), RS-103 (Ground Army Limits)

- MIL-STD-810G-CHG1: Altitude (500.6 II), High Temp. (501.6), Low Temp (502.6), Humidity (507.6 I & II), Shock & Vib. (514.7 II & 516.7 I C130-J profile), Acceleration (513.7 II)

- RTCA/DO-160E: Low Pressure (4.6.1), High Pressure (4.6.3), Rapid Decompression (4.6.2), Power Supply (17), EMC (18, 20, 23, 25)

- IEC 60529: IP52 to IP65

- Def-Stan 59-411: DCE 01, 02, 04, DCS 01, 02, 03, 10, DRE 01, 02, DRS 01, 02, 03

- SDIP-27 (TEMPEST): Level B

Contact Us

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

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Notations

[1]*Software, hardware and accessories may vary depending on configuration*

[2]*Weight and dimensions vary from configurations and optional accessories*

[3]*Designed to meet customer defined standards, verification by a national independent third party test lab available at additional cost*

[4]*Temperature operating range may vary depending on component selection*

[5]*Fixed cable management solution may be required to meet shock and vibration requirements*

Customisations are at time of manufacture only

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Revision No.: 1.2