

Spectra Technologies

Electronics Integrated Systems



RUGGED & INDUSTRIAL PRODUCTS



Rugged Panel PC's,
Display's & Systems

Industrial Panel PC's,
Display's & Systems

Industrial Rack's &
console's

KVM Switch's &
Keyboard Tray's

Network switch's &
modem's

Rugged UPS & NVR

Rugged & Industrial
mechanical enclosures





COMPANY PROFILE

Spectra, has pioneered the indigenous manufacturing of Industrial/ Rugged Computer products in the country, Over the years, we designed developed, manufactured, and delivered a wide range of Computer Systems and has been serving the customers.

We, Design and Manufacture the products as per MIL-Standards and also complies the all-Environmental specifications as per JSS 55555. We work with most of the Government organizations and Private organizations in the defence sector.

Spectra is currently offering a wide range of Industrial / Rugged Computer Systems, Servers, Workstations / Displays / Panel PC's / Rugged Networking Products. Products including completely sealed systems, employing contemporary architectures such as PCI, cPCI, PC-104, VME, PXIE for a wide variety of applications in the core sectors like Défense, Marine, Navy, Nuclear Plant, Space, Railways and others areas.

We, also design and manufacture the mechanical enclosures, Racks, Consoles, Modules, Electrical cabinets, Control units, customised sheet metal fabrication and precision works.



OUR PRODUCTORS RANGE

RUGGED & INDUSTRIAL PANEL PC's/DISPLAYS:

- 10.1 inch
- 10.4 inch
- 12 inch
- 13.3 inch
- 15 inch
- 15.6 Inch
- 17 Inch
- 19 Inch
- 20.1 Inch
- 21.3 inch
- 21.5 Inch
- 23.8 (24)Inch
- 27 Inch
- 32 Inch
- 43 Inch

RUGGED & INDUSTRIAL WORKSTATION's/CPU:

- 3U Workstation
- 4U Workstation
- Rugged Server
- 3U, 4U, 6U mechanical Enclosure
- 15.6 Inch Rugged Laptop

19 INCH INDUSTRIAL M.S & ALUMINIUM PROFILE RACKS:

- 12U Rack
- 26U Rack
- 34U Rack
- 18U Rack
- 32U Rack
- 36U Rack
- 38U Rack
- 42U Rack

RUGGED/INDUSTRIAL CONSOLES

- Single Display console
- Duel Display Console
- RCS Console
- Rugged Modem

RUGGED/INDUSTRIAL ONLINE UPS

- 3KVA ONLINE UPS
- 10KVA ONLINE UPS
- 5KVA ONLINE UPS
- 20KVA ONLINE UPS

RUGGED/INDUSTRIAL MANAGEABLE NETWORK SWITCHS L2 & L3

- 8 Port Switch
- 24 Port Switch
- 48 Port Switch
- 16 Port switch
- 28 Port Switch

OTHER RUGGED/INDUSTRIAL PRODUCTOS:

- 15 Inch KVM Switch
- 17 Inch KVM Switch
- 18 Inch KVM Switch
- Rugged Foldable display Keyboards
- 7" Tab Rugged Enclosure
- 10" Tab rugged enclosure
- Rugged Controllers
- Rugged VME/PXIE Enclosure
- Rugged NVR
- Rugged 1U Keyboards



10.1 INCH RUGGED PANEL PC

MODEL NO: ST-101RPPC

KEY FEATURES

- 10.1 inch TFT LCD ,500 Nits, 1024 x 768
- Intel® Core ,i3, i5, i7, Intel® Celeron
- 128 GB SSD
- 4 GB RAM DDRL4
- 2 x Gigabit Ethernet
- 2 x USB 2.0, 2 x USB 3.0, 2 x COM
- MIL-STD-461E/F, MIL-STD-810G
- OPT: -20°C to + 55°C
- STT: -40°C to + 65°C



10.4 INCH RUGGED PANEL PC

MODEL NO: ST-104RPPC

KEY FEATURES

- 10.4 inch TFT LCD ,400 Nits, 1024 x 768
- Intel® Core ,i3, i5, i7, Intel® Celeron
- 256 GB SSD
- 4 GB RAM DDRL4
- 2 x Gigabit Ethernet
- 2 x USB 2.0, 2 x USB 3.0, 2 x COM
- MIL-STD-461E/F, MIL-STD-810G
- OPT: -20°C to + 55°C
- STT: -40°C to + 65°C



15 INCH RUGGED PANEL PC

MODEL NO: ST-15RPPC

KEY FEATURES

- 15 inch TFT LCD ,1000 Nits, 1024 x 768
- Intel® Core, i5, i7, Intel® Celeron
- 512 GB SSD
- 8 GB RAM DDRL4
- 2 x Gigabit Ethernet
- 2 x USB 2.0, 2 x USB 3.0, 2 x COM
- MIL-STD-461E/F, MIL-STD-810G
- OPT: -20°C to + 55°C
- STT: -40°C to + 65°C



15.6 INCH RUGGED PANEL PC

MODEL NO: ST-156RPPC

KEY FEATURES

- 15.6 inch TFT LCD ,500 Nits, 1920 x 1080
- Intel® Core, i5, i7
- 512 GB SSD
- 16 GB RAM DDRL4
- 2 x Gigabit Ethernet
- 2 x USB 2.0, 2 x USB 3.0, 2 x COM
- MIL-STD-461E/F, MIL-STD-810G
- OPT: -20°C to + 55°C
- STT: -40°C to + 65°C



17 INCH RUGGED PANEL PC

MODEL NO: ST-17RPPC

KEY FEATURES

- 17 inch TFT LCD ,350 Nits, 1280 x 1024
- Intel® Core, i5, i7,
- 512 GB SSD
- 8 GB RAM DDRL4
- 2 x Gigabit Ethernet
- 2 x USB 2.0, 2 x USB 3.0, 2 x COM
- MIL-STD-461E/F, MIL-STD-810G
- OPT: -20°C to + 55°C
- STT: -40°C to + 65°C

19 INCH RUGGED PANEL PC

MODEL NO: ST-19RPPC

KEY FEATURES

- 19 inch TFT LCD ,350 Nits, 1280 x 1024
- Intel® Core, i5, i7,
- 512 GB SSD
- 8 GB RAM DDRL4
- 2 x Gigabit Ethernet
- 2 x USB 2.0, 2 x USB 3.0, 2 x COM
- MIL-STD-461E/F, MIL-STD-810G
- OPT: -20°C to + 55°C
- STT: -40°C to + 65°C



21.5 INCH RUGGED PANEL PC

MODEL NO: ST-215RPPC

KEY FEATURES

- 21.5 inch TFT LCD ,250 Nits, 1920 x 1080
- Intel® Core, i5, i7, i9
- 512 GB SSD
- 16 GB RAM DDRL4
- 2 x Gigabit Ethernet
- 2 x USB 2.0, 2 x USB 3.0, 2 x COM
- MIL-STD-461E/F, MIL-STD-810G
- OPT: -20°C to + 55°C
- STT: -40°C to + 65°C



24 INCH RUGGED PANEL PC

MODEL NO: ST-24RPPC

KEY FEATURES

- 24 inch TFT LCD ,250 Nits, 1920 x 1080
- Intel® Core, i5, i7, i9
- 512 GB SSD
- 12 GB RAM DDRL4
- 2 x Gigabit Ethernet
- 2 x USB 2.0, 2 x USB 3.0, 2 x COM
- MIL-STD-461E/F, MIL-STD-810G
- OPT: -20°C to + 55°C
- STT: -40°C to + 65°C

17 INCH RUGGED KVM SWITCH

MODEL NO: ST-17KVMS

KEY FEATURES

- 17 inch TFT LCD ,250 Nits
- 1280 x 1024
- 1U
- 8 PORT SWITCH
- VGA
- KEYBOARD
- TOUCH PAD
- MIL-STD-461E/F, MIL-STD-810G
- OPT: -20°C to + 55°C
- STT: -40°C to + 65°C

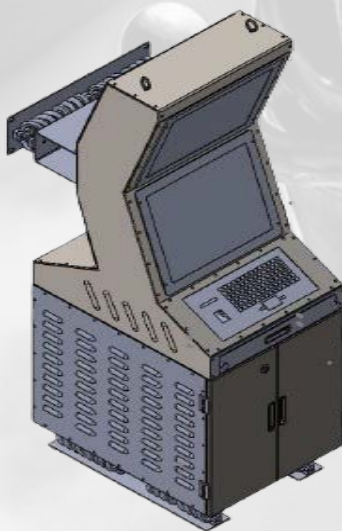
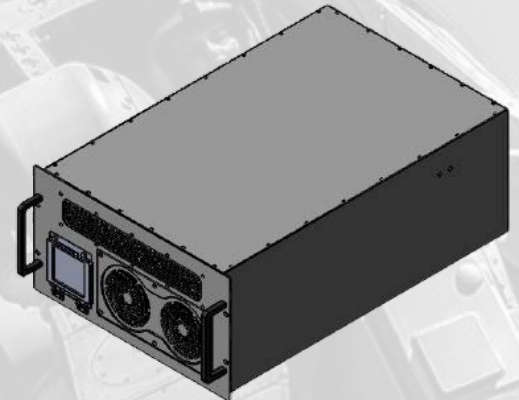


5KVA RUGGED ONLINE UPS

MODEL NO: ST-5KVAOUPS

KEY FEATURES

- 5KVA/KW DOUBLE CONVERSION ONLINE UPS
- 6U, 19Inch Rack Mount
- AC 230V 50Hz
- 3-Wire(1P+N+E)
- Rated Power 5000 W
- Lead-acid/Li-Ion Battery
- Efficiency 94% (full load)
- MIL-STD-461E/F, MIL-STD-810G
- OPT: -20°C to + 55°C
- STT: -40°C to + 65°C



32U DUAL DISPLAY CONSOLE

MODEL NO: ST-32U19DDC

KEY FEATURES

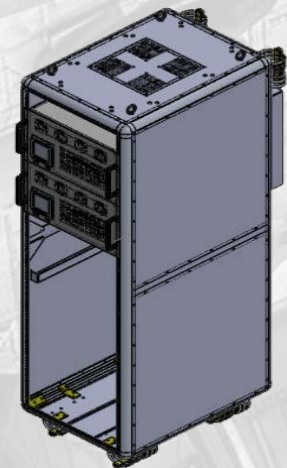
- Dual Display Console, 19Inch, 32U
- Aluminum HE30/SS 316G
- Bottom cover bolted to frame with cable Entry
- Side Vented / Perforated
- Wire rope isolators/Castor Wheels
- W x 650, D x 800, H x 1650 mm
- Key board Tray, Trackball
- DIN Standard 10mm
- MIL-STD-810G

19 INCH 36U RACK

MODEL NO: ST-32U19AR

KEY FEATURES

- 19Inch 32U Rack, Aluminum HE30/SS 316G
- Aluminum HE30/SS 316G
- Top cover bolted frame with Fans
- Bottom cover bolted to frame with cable Entry
- Front & Rear lockable Doors
- Side Vented / Perforated
- Wire rope isolators/Castor Wheels
- W x 545, D x 750, H x 1750 mm
- DIN Standard 10mm, Rack ground Bus bar
- MIL-STD-810G



15.6 INCH RUGGED LAPTOP

MODEL NO: ST-156RLTP

KEY FEATURES

- 15.6 inch TFT LCD ,450 Nits, 1280 x 1024
- Intel® Core i7 – 10th Gen
- 512 GB SSD
- 8/16 GB RAM DDRL4
- Integrated graphic
- 2 x Gigabit Ethernet
- 2 x USB 2.0, 2 x USB 3.0, 2 x COM
- MIL-STD-461E/F, MIL-STD-810G
- OPT: -20°C to + 55°C
- STT: -40°C to + 65°C



INDUSTRIAL PANEL PC WITH KEYBOARD

MODEL NO: ST-IPPC19FDKB

KEY FEATURES

- 19 inch TFT LCD ,450 Nits, 1920 x 1080
- Intel® Core i5, i7 – 10th Gen
- 512 GB SSD, 8/16 GB RAM DDRL4
- ATX/MB, Integrated graphic, Dedicated slot
- Aluminum HE30
- 2 x USB 2.0, 2 x USB 3.0, 2 x COM, 2 x Gigabit Ethernet
- Rugged multi languages keyboard with touch/track ball
- D38999 series Connectors
- MIL-STD-461E/F, MIL-STD-810G
- OPT: -20°C to + 55°C, STT: -40°C to + 65°C



DESKTOP RUGGED VME/PXIE ENCLOSURE

MODEL NO: ST-DR7U-VME/PXIE

KEY FEATURES

- Rugged 7U VME/PXIE Enclosure
- Aluminum HE30
- W 485 x D 650 x H 310 mm
- IP 54 Sealing
- Front Hatch Door
- MIL-STD-810G
- OPT: -20°C to + 55°C, STT: -40°C to + 65°C

