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Engineered for the Real World

Rugged Military Product Line





20.1" LCD Rugged Rack Mount Monitor Model 2437AC

RATINGS

- Shock and Vibe 901D, Grade A
- EMI MIL Standard 461 & 462
- Airborne noise MIL Standard 740-1
- NEMA 1

FEATURES

- 1600 x 1200 Resolution
- 250 nits Standard Brightness
- Cold Rolled Steel Black Powder Coated
- COTS (Commercial Off The Shelf) Design
- Designed to Fit into 19" Rack Mount Chassis

24" High Definition LCD Rugged Monitor Model 2439MA



RATINGS

- Shock and Vibe 901D, Grade A
- EMI MIL Standard 461 & 462
- Airborne noise MIL Standard 740-1
- NEMA 1

FEATURES

- 1920 x 1080 Resolution
- 1000 nits Standard Brightness
- Powder Coated Nickel Plated Machined Aluminum, Plated CRS, Stainless Steel
- Standard VESA Mounting Pattern



Rugged 1U Rackmount 17.3" Monitor & Keyboard Drawer 2445 Series

RATINGS

- NEMA 12

FEATURES

- 1920 x 1080 Resolution
- 400 nits Standard Brightness
- Designed to Fit into a Standard 19" Rack, 1U High
- Engineered to Withstand Shock and Vibration, High Humidity and Salt Fog
- Recessed Rear-Mount Receptacles
- VGA and DVI Video Inputs Standard
- Front Mount OSC Control
- Operating Temperature -20C to 50C
- 4-Port KVM Switch on the 2445AB Model

Rugged LCD Rack Mount Monitor 2470MA Series



RATINGS

- Shock and Vibe 901D, Grade A
- MIL-STD-810
- EMI MIL Standard 461

FEATURES

- 19" or 20.1" LCD Display
- Up to 1600 x 1200 Resolution
- 200 nits Standard Brightness
- Designed to Fit into 19" Rack Mount Chassis
- Powder Coated Air Craft Grade Aluminum Bezel
- Removable Rear Access for Easy Maintenance





Rugged 10.4" High Definition LCD Panel Mount Monitor **CE** Model 2471MA

RATINGS

- MIL-STD-810
- EMI MIL Standard 461

FEATURES

- 1024x768 Resolution
- 1000 nits Standard Brightness
- Resistive Touch Screen Technology
- Powder Coated Air Craft Grade Aluminum Bezel
- Integrated Power Supply 9-33 VDC



Rugged 12.1" LCD Panel Mount Monitor **CE** Model 2472MA

RATINGS

- Shock and Vibe 901D, Grade A
- MIL-STD-810
- EMI MIL Standard 461
- RTCA DO-160G

FEATURES

- 800x600 Resolution
- 450 nits Standard Brightness
- Polycarbonate Viewing Window
- Powder Coated Aircraft Grade Aluminum/Nickel Plated Steel
- Removable Rear Access for Easy Maintenance

Rugged 19" LCD Rack Mount Monitor **CE** Model 2576AE

RATINGS

- NEMA 12

FEATURES

- 1280x1024 Resolution
- 300 nits Standard Brightness
- Lexan Viewing Window
- Powder Coated Milled Aluminum Front Bezel
- Perforated Rear Cover with Rear Access Panel
- Recessed Rear-Mount Receptacles
- Designed to Fit into a Standard 19" Rack



Rugged 27" LCD Monitor **CE** Model 2936MA

RATINGS

- Shock & Vibration MIL-STD-810
- EMI MIL Standard 461 & 464

FEATURES

- 2560x1600 Resolution
- 800 nits Standard Brightness
- Displays feature On Screen Display (OSD)
- Powder Coated Aircraft Grade Aluminum
- Standard VESA Mounting Pattern



6.5" LCD Variable Action Button Rugged Display 6171 Series

RATINGS

Designed to meet

- MIL-STD-461F
- MIL-STD-810F
- MIL-STD-1472F
- MIL-STD-1399 Section 300A
- MIL-STD-882

FEATURES

- Optically Clear 6x6 Switch Matrix with Tactile Domes Over 6.5" VGA LCD Panel Touch
- Each Switch Capable of Seven Characters by Three Lines of Text
- COTS (Commercial Off The Shelf) Design
- IP Over USB Interface
- Long Life, High Efficiency, Dimmable LED Backlighting
- Designed for Easy Installation and Removal with No Special Tools
- Switches attributes are Configured Through RPC Call
- 12 Non-tactile Feedback Set-up Switches, Upper Two Rows



6.5" LCD Variable Action Button Rugged Display 6171Ax Series

FEATURES

- Optically Clear 6x6 Switch Matrix with Tactile Domes Over 6.5" VGA LCD Panel Touch
- Each Switch Capable of Seven Characters by Three Lines of Text
- COTS (Commercial Off The Shelf) Design
- Long Life, High Efficiency, Dimmable LED Backlighting
- IP Over USB Interface
- Designed for Easy Installation and Removal with No Special Tools
- Switches attributes are Configured Through RPC Call
- 12 Non-tactile Feedback Set-up Switches, Upper Two Rows

6.5" LCD Variable Action Button Rugged Network Computer Model 6171TN

FEATURES

- 640x480 Resolution
- 400 nits Standard Brightness
- Each Button Capable of Seven Characters by Three Lines of Text
- Long Life, High Efficiency, Dimmable LED Backlighting
- IP Over USB Interface
- Designed for Easy Installation and Removal
- 36 Buttons Attributes are Configured Through RPC Call, X11R6 or WindowsTM Compatible
- 12 Feedback Set-Up Buttons, Upper Two Rows



Rugged 10.4" High Definition LCD Network Computer 7171 Series

RATINGS

- 901D, Grade A Shock
- Airborne Noise MIL Standard 740-1
- EMI MIL Standard 461 and 462

FEATURES

- 640x480 Landscape or 480x640 Portrait Resolution
- 400 nits Display with 100:1 Brightness Adjustment
- Light Weight Less than 10 lbs.
- On Screen Virtual Keyboard
- COTS (Commercial Off The Shelf) Design
- X-Terminal X11 Release 6 Compliant
- VT Emulation Terminal Mode

6.5" LCD Rugged Network Computer Model 7171EA

RATINGS

- 901D, Grade A Shock
- Airborne Noise MIL Standard 740-1
- EMI MIL Standard 461 and 462

FEATURES

- 6.5" LCD Color Display Military Grade (COTS)
- Optically Clear 6x6 Switch Matrix with Tactile Domes Over 6.5" VGA LCD Panel Touch
- Each Switch Capable of Seven Characters by Three Lines of Text
- Long Life, High Efficiency, Dimmable LED Backlighting
- IP Over USB Interface
- Designed for Easy Installation and Removal with No Special Tools
- X11r6 Operating System





Military Network Computers

10.4" LCD Thin Client Panel/Rack Mount Computer Model 7171CA



RATINGS

- 901D, Grade A Shock and Vibe
- EMI MIL Standard 461 & 462
- Airborne Noise MIL Standard 740-1

FEATURES

- 640x480 Landscape or 480x640 Portrait Resolution
- 400 nits Display with 100:1 Brightness Adjustment
- Resistive Touch Screen
- User Selectable for NVG Compatibility Mode
- COTS (Commercial Off The Shelf) Design
- Aluminum 6061-T6, Cold Rolled Steel, Nickel Plated
- On Screen Virtual Keyboard
- Ethernet 10/100 Base-T
- Thermostat Controlled Heater

Rugged 10.4" LCD Network Computer Model 7171DA

RATINGS

- 901D, Grade A Shock and Vibe
- EMI MIL Standard 461 & 462
- Airborne Noise MIL Standard 740-1

FEATURES

- 640x480 Landscape or 480x640 Portrait Resolution
- 450 nits Standard Brightness
- Resistive Touch Screen
- User Selectable for Landscape or Portrait Mode
- COTS (Commercial Off The Shelf) Design
- Aluminum 6061-T6, Cold Rolled Steel, Nickel Plated
- PXA25 32-bit XScale Processor
- 16MB RAM (expandable up to 72MB RAM) 8MB Flash ROM
- VT200 Emulation
- Ethernet 10/100 Base-T



Rugged 19" LCD Panel Mount Network Computer Model 7191AE

RATINGS

- NEMA 4X
- MIL-STD-461D
- MIL-STD-462

FEATURES

- 1280 x 1024 Standard Resolution
- Resistive Touch Screen
- EMI Window with Enhanced, Scratch Resistant Hard Coat
- Form, Fit and Function Backwards Compatible with Model 7191AA, 7191AB, 7191AC & 7191AD
- Integrated X-Terminal X11R6 Compatible
- IPv6 and IPv4 Compliant
- Integrated Keyboard and Mouse PS/2 Ports, 100 Base T Network, RS232 Port (DB9)
- Integrated 120 VAC or 24 VDC Power Supply
- 1.91 GHz Intel® E3845 Quad Core ATOM™, 8GB RAM*

Rugged 19" LCD Rack Mount Network Computer Model 7192AA

RATINGS

- MIL-STD-461D
- MIL-STD-462

FEATURES

- Resistive Touch Screen
- 1280 x 1024 Standard Resolution
- 250 nits Standard Brightness
- Display features On Screen Display (OSD)
- EMI Window with Enhanced, Scratch Resistant Hard Coat
- Integrated X-Terminal X11R6 Compatible
- IPv6 and IPv4 Compliant
- Integrated Keyboard and Mouse PS/2 Ports, 100 Base T Network, RS232 Port (DB9), 2 USB 2.0 Ports
- Integrated 120 VAC or 24 VDC Power Supply
- 1.91 GHz Intel® E3845 Quad Core ATOM™, 8GB RAM*



*Upgradable to i7 2.80 GHz (3.9GHz Turbo) i7-7600U w/ 32GB RAM, 512GB SSD



Rugged Portable PC 4120MA Series



RATINGS

- Shock 901D, Grade A
- EMI MIL Standard 461F
- MIL-STD-810F

FEATURES

- 15" or 19" LCD, Sunlight Readable Transflective LED
- Up to 1280x1024 Resolution and 600 nits Brightness
- Multi-Touch Projected Capacitive Touch Screen
- UV Tolerant Painted, 6061 T6 Aluminum
- Engineered to Withstand Higher Shock and Vibrations
- Aluminum Fins & Heaters allows Heat Transfer & Cooling for Extreme Temperatures (-20 C to 55 C)
- Standard VESA Mounting Pattern
- 1.91 GHz Intel® E3845 Quad Core ATOM™, 8GB RAM*
- 128GB Solid State Hard Drive

Rugged 15" LCD Military Shipboard Computer Model 4553MA



RATINGS

- Shock 901D, Grade A
- EMI MIL Standard 461 & 462
- MIL-STD-810
- MIL-STD-167-1A
- MIL-STD-2036A

FEATURES

- 15" LCD with Resistive Touch Screen
- 1024x768 Resolution
- 400 nits Standard Brightness
- Machined Aluminum Painted Finish
- COTS (Commercial Off the Shelf) Design
- Fanless Design
- 1.91 GHz Intel® E3845 Quad Core ATOM™, 8GB RAM*
- 128GB Solid State Hard Drive



Rugged 19" LCD Military Shipboard Computer Model 4556AA

RATINGS

- Shock and Vibe 901D, Grade A
- Airborne Noise MIL Standard 740-1
- EMI MIL Standard 461 & 462

FEATURES

- Resistive Touch Screen
- 1280x1024 Resolution
- 300 nits Standard Brightness
- Aircraft Grade Aluminum Painted Finish
- COTS (Commercial Off the Shelf) Design
- External Speaker
- Front Mount 14 Keys & MicroModule Pointing Device
- 1.91 GHz Intel® E3845 Quad Core ATOM™, 8GB RAM*
- 128GB Solid State Drive

Rugged 12.1" LCD Military Rack Mount Monitor 4572MA Series



RATINGS

- Shock and Vibe 901D, Grade A
- EMI MIL Standard 461 & 462
- MIL-STD-810

FEATURES

- 800 x 600 Resolution
- 450 nits Standard Brightness
- Resistive Touch Screen
- VGA Resolution User Configurable to Portrait or Landscape Mode
- On Screen Virtual Keyboard for Setup or Data Entry
- Aircraft Grade Aluminum
- Military Panel Mount Design
- 1.91 GHz Intel® E3845 Quad Core ATOM™, 8GB RAM*
- 128GB Solid State Hard Drive



*Upgradable to i7 2.80 GHz (3.9GHz Turbo) i7-7600U w/ 32GB RAM, 512GB SSD



Elastomer Keyboard 6800 Series



RATINGS

- FM Approved
- Class I, II, III, Division 2, Group A-D, F&G
- Class I, II, III, Division 1 & 2, Group C-G
- NEMA 4X

FEATURES

- 109-Key Elastomer Keyboard with Full Travel Keys
- Compatible with Windows and Network Computer
- Stainless Steel Enclosure Desktop or Panel Mount Design
- Tuffpoint, Micromodule or Microjoystick Pointing Devices Available in PS/2 or USB Versions
- Full Travel Key Design Makes for Easy Typing
- Built-In Static Shield Prevents Lock-ups Due to RF Noise
- Elastomer is Impervious to Many Solutions



Membrane Keyboard 6900 Series



RATINGS

- FM Approved
- Class I, II, III, Division 2, Group A-D, F&G
- Class I, II, III, Division 1 & 2, Group C-G
- NEMA 4X

FEATURES

- 109-Key Membrane Keyboard w/ Embossed Key Borders
- 116-Key Membrane Keyboard w/ Sealed Trackball
- Compatible with Windows and Network Computer
- Stainless Steel Enclosure Desktop or Panel Mount Design
- Tuffpoint, Micromodule or Microjoystick Pointing Devices Available in PS/2 or USB Versions
- Collapsible Domes for Improved Typing
- Built-In Static Shield Prevents Lock-ups Due to RF Noise
- Membrane is Impervious to Many Solutions
- Adjustable Friction Control on the Trackball

OEM Keyboard Kits 6800 & 6900 Series



RATINGS

- FM Approved
- Class I, II, III, Division 2, Group A-D, F&G
- Class I, II, III, Division 1 & 2, Group C-G

FEATURES

- 109-Key Elastomer Keyboard w/ Full Travel Keys
- 109-Key Membrane Keyboard w/ Embossed Key Borders
- 116-Key Membrane Keyboard w/ Sealed Trackball
- Compatible with Windows and Network Computer
- OEM Versatility for NEMA 4X Applications & Hazardous Equipment
- Tuffpoint, Micromodule or Microjoystick Pointing Devices Available in PS/2 or USB Versions
- Built-In Static Shield Prevents Lock-ups Due to RF Noise
- Keyboards are Impervious to Many Solutions
- Adjustable Friction Control on the Trackball



Industrial Pointing Devices 9040-9050 Series



RATINGS

- FM Approved
- Class I, II, III, Division 2, Group A-D, F&G
- Class I, II, III, Division 1 & 2, Group C-G
- NEMA 4X

FEATURES

- Stainless Steel Enclosure Desktop or Panel Mount Design
- Single Touch Button
- Rugged Construction
- Compatible with Windows and Network Computer
- Desktop or Vertical Mounted Use





Find Us On...



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