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# Engineered for the World's Toughest Environments

Rugged Military Product Line





# Military Monitors



## 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
- All Aluminum Construction with Heavy Duty Slide Rails
- 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

## 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 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 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 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 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







# Military Network Computers

## 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 6×6 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

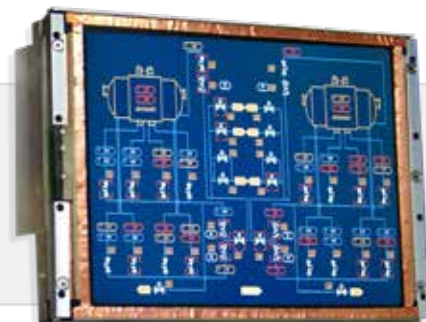
### FEATURES

- Optically Clear 6×6 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 6×6 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 7171DB

### 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 Complaint
- 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 Complaint
- 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 4556MA

### 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 Model 4572MA



### 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





# Keyboards & Pointing Devices

## 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





Daisy Data Displays designs and manufactures ruggedized PCs, HMIs and displays for the world's toughest and most hazardous environments. Tapping into four decades of experience, Daisy possesses unique expertise to engineer and produce hardware solutions to meet critical protection standards and industry certifications, whether based on land, air or sea.

Daisy is entrusted by specialized industries to produce both COTS and custom solutions, all designed for long-lasting performance in challenging applications - including Military, Energy Exploration & Production, Chemicals, Pharmaceutical & Food Processing, Maritime, Flight Simulation, Utilities and Industrial Manufacturing. Our strong customer-centric values are embedded in every aspect of our company - from engineering, to production, logistics, and support. Everything Daisy builds is customizable, upgradable and repairable -- ensuring reliable operations and cost-efficient solutions throughout the tenure of projects. This approach has earned Daisy the trust of the US Military, NATO Members and dozens of Fortune 500 companies across the globe.


Daisy is a registered ISO 9001:2015 manufacturer with a diverse product line meeting MILSPEC or global industrial standards such as FM, UL, ATEX, and IECeX. All our products are 100% designed, manufactured and tested in Mechanicsburg, Pennsylvania, USA.




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