

Argon Rugged Integrated Workstation Display – AT213

21.3" Rugged Display/Computer/keyboard



AT213 21" Rugged Workstation

Argon introduces our AT213 21.3" rugged workstation. The unit comes with a brilliant 21" XGA display and provides an affordable fully featured solution for your fixed or mobile command & control console or any other rugged computing application where you need a powerful computing platform and configuration flexibility. Argon will fully customize the product to your exact specifications. The AT213 can be configured for a wide variety of applications.

Main Features:

- Small Mechanical Footprint
- Fully Rugged Mechanical Packaging
- Intel based processor with up to 8GB RAM; 128GB SSHD with Linux or WIN OS
- 1x to 5x Military/Commercial Connectors with Customizable Location and I/O
- 21.3" LCD with LED Backlight
- Analog Resistive Touch Screen
- Fully Enclosed Unit (No Fans, Conduction Cooled)
- Foldable, 101 Key Backlit Keyboard, with Glide pad and Selection Buttons
- Customizable Unit Mounting Points
- Base configuration has been qualified for Naval applications, including Mil S 901D

Argon Corp has over 28 years of experience designing, producing and supporting a variety of rugged computing and display solutions that serve land based, naval and airborne applications. These solutions are also suitable for adjacent applications where extreme, combat like environments are present, such as oil and gas exploration, and mining activities.

Argon has developed a standing reputation for working with customers to design custom solutions and reliable products. Add to this extensive industry knowledge and Argon is a partner you can trust

Feb 2020

Summary of Key Technical Specifications for AT213 Rugged Computing Display

Display	
LCD	21.3" Diagonal, TFT 8 Bit Color, 1600x1200 (XGA)
Brightness	0 to 100% Dimming, Standard 600+ nits
Touch Screen	Ruggedized Analog Resistive (Option)
Other	Optional NVG Compatibility
Overall Unit	
Dimensions (Closed)	19"W x 14.7"H x 4.8"D
Weight	27+- lbs Typical
Power Input	110 to 240VAC, at 50/60Hz
Keyboard	101-key QWERTY, sealed, silicone rubber over buttons, Backlit keys
Chassis	Conduction Cooled, Fully Enclosed, Aluminum Chassis, Front Handles
Pointing Device	Touch Glide Pad
Other	See Technical Specification for Full Details
Computer	
Processor/RAM	Intel N4200 w/ Intel on board graphics; 4GB DDR3 RAM (or Specify)
HD Storage	128GB SS SATA (or Specify)
OS	Linux or Windows10 Pro 64 Bit
I/O	Standard: 2x Ethernet, 1x USB, 1x DVI Output
Sound	Option, Inquire
Media	Option, Inquire
Expansion Options	Customer Specified PCIe Card
Other	Customizations and Adaptations Available on Request
Environmental	
Selected Specs (see Technical Specification for full Details):	
Operating Temp	-10°C to +55°C
Storage Temp	-40°C to +71°C
Shock	MIL-DTL-901, Grade A, Type A
Vibration	MIL-STD-167 Type 1; MIL-STD-810, Method 514.6, Proc 1
EMI/EMC	MIL-STD-461F
Altitude	MIL-STD-810, Method 500.5, Proc I and II, 10.5K to -9.2Kft, Operational
Humidity, Salt Fog, Sand/Dust	Unit is 100% Enclosed, Resistant to Salt Fog, Fungus
Humidity	MIL-STD-810, Method 507.5, Proc II, Aggravated