ARGON CORP
Combat-Ready Computers and Displays

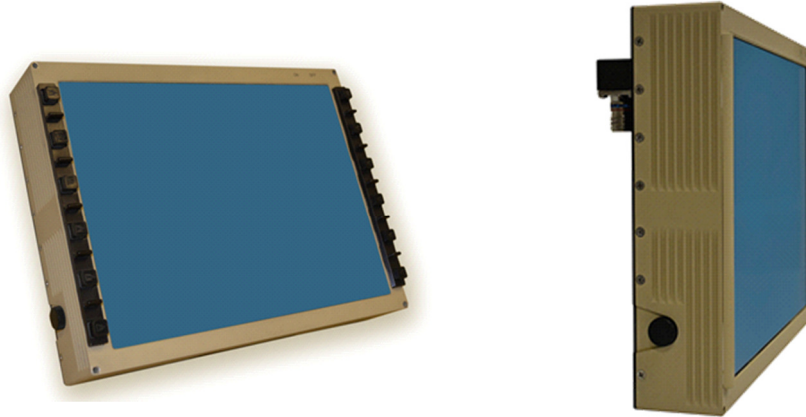Certified System ™
Quality
ISO 9001
SAI GLOBAL

Argon Rugged Display w/ Embedded Computer– AT150
### 15", XGA Resolution, Thin and Lightweight Tablet for C4ISR Platforms

Argon offers a 15" rugged display with embedded computer that is particularly suitable for Command & Control applications where space is at a premium, such as in combat & tactical vehicles, mobile shelters, and close-in naval spaces. The AT150's small bezel size, flexible mounting configurations, powerful processors (customer can choose from a variety on the market) configurable I/O, and universal AC/DC power supply make it a valuable solution for many mission critical applications.

The AT150 is a full-featured combat ready display with a wide variety of standard options, and Argon is prepared to customize the display to ensure that the product meets your exacting requirements.

Main Features:

- Small Bezel and Mechanical Footprint
- Low Weight
- High Brightness Option
- 4th Gen i7 Processor
- Flexible I/O Configuration
- Analog Resistive Touch Screen Option
- Fully Enclosed Unit
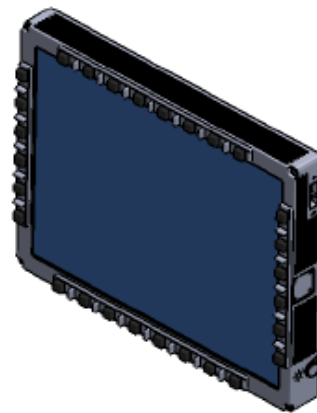
Argon Corp has over 24 years of experience designing, producing and supporting a variety of rugged computing and display solutions that serve land based, naval and airborne applications. These solutions are also suitable for adjacent applications where extreme, combat like environments are present, such 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.

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Technical Specifications for AT150 w/Computer (Typical)

Display	
LCD	15" Diagonal, TFT 16M Colors, Wide Viewing Angles
Resolution	1024 x 768 (XGA)
Brightness	0 to 100% Dimming, Typical 500+ nits, Up to 750+ nits (Option w/o TS)
Touch Screen	Ruggedized, Analog Resistive
Other	NVG Compatibility (Option)
Overall Unit	
Dimensions (Closed)	13.7" x 10.8" x 1.8"
Weight	8+- lbs Typical
Power Input	18 to 36VDC or 110/220AC (50 to 447Hz), Compliant with Mil STD 1275A
Power Consumption	55 Watts Typical
Chassis	Conduction Cooled, Fully Enclosed, Aluminum Chassis,
Other User Controls	Customer can Select Buttons/Switches and Arrangement per Application Needs
Computer	
Processor/RAM	4th Gen Intel i7 with up to 16GB RAM, HD Graphics
Storage	Rotating or Solid State Drive, Specify size
OS	Windows 7/8, Linux or Specify
I/O	Ethernet, RS-232, USB, VGA Output, Specify Others/Quantity
Sound/Microphone	Onboard Sound Card, Speaker/Microphone Jacks Optional
Expansion Options	Removable HD, Customer Defined I/O
Other	Customizations and Adaptations Available on Request
Environmental	**All Environments can be Tested to Your Requirements**
Operating Temp	-10ºC to +55ºC (Optional -40ºC Startup)
Storage Temp	-40ºC to +70ºC
Shock	MIL-STD-810G, Method 516.6, Procedure I, Table 516-6 for Ground Equipment, 40g, 11ms, saw-tooth
Vibration	MIL-STD-810G Method 514.6 Category 5 Tracked Vehicle Vibration
EMI/EMC	Tested to MIL-STD-46
Altitude	30k ft Operating, 40k ft Non Operating
Humidity, Salt Fog, Sand/Dust	Unit is 100% enclosed, Resistant to Salt Fog, Fungus, No fans
Humidity	MIL-STD-810G Method 507.5, Procedure I