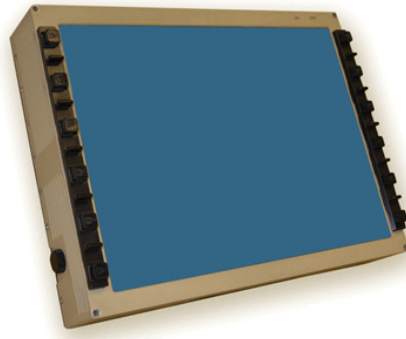


Argon Rugged Display w/ Embedded Computer- AT121 12.1", XGA Resolution, Small Footprint Tablet for C4ISR Platforms



Argon offers a 12" 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 AT121'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 AT121 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
- 6th Gen i7 Processor
- Flexible I/O Configuration
- Analog Resistive Touch Screen Option
- Fully Enclosed Unit



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.

Technical Specifications for AT121 w/Computer (Typical)

Display	
LCD	12.1" Diagonal, TFT 18 Bit Color, Wide Viewing Angles
Resolution	1024 x 768 (XGA)
Brightness	0 to 100% Dimming, Standard 300 nits, Up to 750+ nits (Option w/o TS)
Touch Screen	Ruggedized, Analog Resistive
Other	NVG Compatibility (Option)
Overall Unit	
Dimensions (Closed)	11.1" x 8.5" x 1.9"
Weight	7+- lbs Typical
Power Input	9 to 36VDC or 110/220AC (50 to 447Hz), Compliant with Mil STD 1275A
Power Consumption	30 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	Gen 6 i7-6600U 2.6GHz 3.4GHz Turbo, 2 core 4 thread, 4MB Cache/8GB RAM
Storage	Rotating or Solid-State Drive, Specify size
OS	Windows 10 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	-10°C to +55°C (Optional -40°C Startup)
Storage Temp	-40°C to +71°C
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-461
Altitude	40k ft Operating/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