

Tactical Computer with 12.1" Display Unit



Astronautics' battle-proven Command, Control, and Display Computer Unit (CDU) is specially designed for use in artillery, armored vehicles, and naval vessels. The CDU's open architecture can be tailored to satisfy customer system requirements. The robust 12.1" CDU has a high-resolution display with high contrast and can display graphics or motion video readable in the most demanding direct sunlight conditions and night operations.

Features:

- Open architecture – can fit any system or any requirement
- High resolution, High Brightness display, viewable in direct sunlight
- Powerful Intel Core I7 7th Gen., 3GHz, Quad Core Processor
- High graphics capabilities supporting a Dynamic Digital Map, Motion Video, FLIR, and color Graphics support
- Scalable brightness control
- Low power consumption

Tactical Computer with 12.1" Display Unit



Technology:	AMLCD
Display Size:	9.7"x7.3"
Physical Size (WxHxD):	13.4"x11.0"x3.7"
Weight:	8Kg
Power, Typical:	28VDC, 50W (without heaters) Complies with MIL-STD-1275A
Brightness, Typical:	180fL (Foot-Lambert). Full Sunlight readability
Specular Reflection	<2%
Diffused Reflection	<0.8%
Shades of Gray:	64
Resolution:	1024x768 or higher
Viewing Angle:	±55° Horizontal +35° Up, -45° Down
Aspect Ratio:	4:3
I/O:	Up to Six (6) RS485/RS422/RS232 channels Ethernet 10/100/1000 Mbps Up to Three (3) USB ports OSS switches, PC Keyboard Interface External Keyboard and Mouse for Maintenance Mode
MTBF:	> 10,000 Hours
Embedded CPU:	Intel Core, i7-7820EQ processor at 3.0GHz with QM175 chipset
Bezel:	Up to 20 pushbuttons, brightness Up/Down control
Operating Temp.:	-40°C to +60°C
Environmental Qual:	Complies with MIL-STD-810F
Optional features:	Touch Screen Two (2) PAL/NTSC color video inputs VGA video output