A World Leader in Navigation and Display Systems Since 1959

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

FOR MORE INFORMATION ON THIS OR ANY OF OUR OTHER PRODUCTS/SYSTEMS PLEASE CONTACT: ASTRONAUTICS C.A LTD., 16TH MARTIN GHEL ST., PETAH-TIKVA 4951207, ISRAEL Phone: +972-3-9251555, Fax: +972-3-9251550, email: <u>astro@astro.co.il</u> or visit our website: www.astronautics.co.il

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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

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