

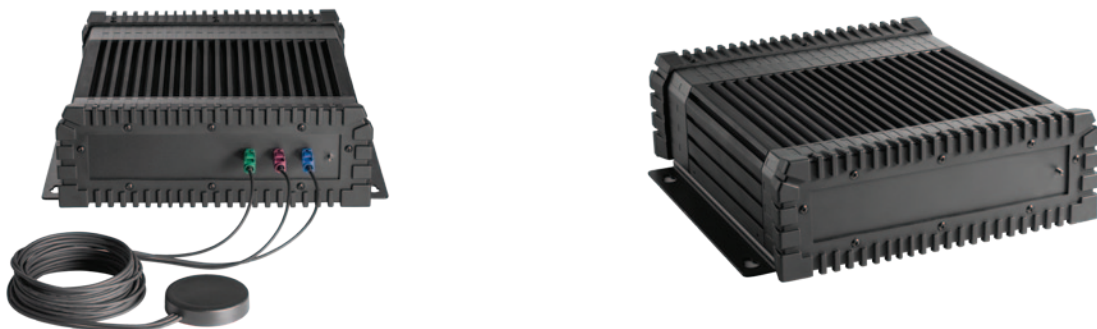


MilPAC



Computers that can be used outdoors are not usually computer graphics powerhouses. Built to meet Mil-Spec requirements and operations, the MilPAC has been designed specifically for use in simulation, weapons system training, vehicle mount applications and anywhere a powerful graphics workstation might be needed.

The MilPAC is integrated with fully sealed Mil-Spec connectors, heavy-duty filters, and waterproof keyboards for the harshest of environments. Dual AC and DC power supply with redundant fail-over allows uninterrupted operations both in vehicles and in command tents. It has also been designed to operate in wide temperature ranges, extending its compatibility to more military applications.



MilPAC Environmental Specifications

Low Temperature	0°F: Meets MIL-STD-810G, Method 502.5 procedure II.
High Temperature	120°F: Meets MIL-STD-810G, Method 501.5 procedure II.
Low Temp. Storage	-50°F: Meets MIL-STD-810G, Method 502.5 procedure I.
High Temp. Storage	160°F: Meets MIL-STD-810G, Method 501.5 Procedure I.
Transit Drop	48 inches: Meets MIL-STD-810G Method 516.6 Procedure IV.
Bench Handling	4 inches: Meets MIL-STD-810G Method 516.6 Procedure VI.
Vibration	40 minute exposure: Meets MIL-STD-810G Method 514.6 Procedure II.
Rain	1.8" per hour blowing at 20mph for 30 minutes per side: Meets MIL-STD-810G Method 506.5 Procedure I.
Heat and Humidity	73 +/- 4 F and 50 +/- 5 percent Relative Humidity RH: Meets MIL-STD-810G Method 507.5.
Altitude	Operational altitude of 15,000ft for 8 hours: Meets MIL-STD-810G Method 500.5 Procedure II.
Blowing Dust	Velocity of 20mph and concentration 10.6 g/m for 6 hours: Meets MIL-STD-810G Method 510.5 Procedure I.
Drip	280 l/m2/hr for 30 minutes per side: Meets MIL-STD-810G Method 506.5G Procedure III.
Radiated Emissions	Meets MIL-STD-461F RE102 Paragraph 5.17.
Radiated Susceptibility	Meets MIL-STD-461F RS103, Paragraph 5.20.
Conducted Emissions	Meets MIL-STD-461F, CE 102, Paragraph 5.5.
Conducted Susceptibility	Meets MIL-STD-461F CS 101, Paragraph 5.7, CS 114, Paragraph 5.13, CS 115, Paragraph 5.14, CS116, Paragraph 5.15.
EME	Meets MIL-STD-464.

Technical Specifications

Processor	Intel Core i7-3770S, 3.1Ghz 65W (3.9Ghz Turbo)
Power	Dual Input 24VDC + 110VAC
Memory	2 x 4GB, DDR3, 1600
DVD	Slim Dual Layer DVDRW
Keyboard/Mouse	Waterproof keyboard with touchpad
O/S	Windows 7 Pro-64-bit

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