19”/2® Computer i7 MIL CS226

One-quarter the size. All the power

The 19”/2 Computer i7 CS226 packs high-performance computing power into a frame up to 75 % smaller than standard 19” rugged computers. This significantly reduces the i7’s weight, energy consumption and heat production.

Built to take a beating

The i7 MIL is combat proven to withstand the harshest conditions over the long haul. It features aluminium casing, rugged MIL connectors for easy integration and an will operate down to -40 °C.

Guaranteed performance

Our products always come with a lifetime support to ensure your equipment maintains peak performance for many missions to come. We also serve units and stock spare parts for 5 years end-of-life.

Mounting

All 19”/2 units can be mounted together in several different ways

- One 19”/2 unit can be mounted in a 19” rack
- Two 19”/2 units can be mounted together in a 19” rack
- Two or more devices can also be stacked on top of each other

19”/2® Computer i7 MIL CS226

Technical Specification	
CPU	Intel Core i7- 3517UE (Max 2,8 GHz)
Graphics	Intel HD4000 Graphics
Resolution	VGA: 2048 x 1536 DVI: 1920 x 1200 Single Link
RAM	Maximum 16 GB RAM DDR3 (2 slots)
Storage	SATA HDD or SSD *(optional)*
Interface (front)	X1 (38999) - 2xRS232 - 1x Audio in - 1x Audio out - 4x USB 2.0 X2 (38999) - 4x LAN (10/100/1000Mbps) - 1x RS232 X3 (38999) - 1x VGA - 1x DVI - 1x Remote Power On - 1x RS232 X4 (38999) - 1x eSATA 1 x DC In 10-32V (ITS)
Interface (back)	1 x Service Port
Power Consumption	Max 100 W
Transient power protection	Designed to meet MIL-STD-1275D
Case	Aluminium
Dimensions	220 x 391 x 44 mm (W x D x H)
Weight	3.8 kg
Certification	Designed to meet IP54, MIL-STD-810F, MIL-STD-461F and MIL-STD-1275D, RoHS
Other	No fans

MIL-STD-810F	Operating	Storage
Altitude Method 500.4, *(procedure II,III)*	4572 m (15000 ft)	Rapid decompression 12180 m (40000 ft)
Humidity Method 507.4	Five 48 h test cycles	-
Shock Method 516.5, *(procedure I, IV)*	40 G, 11 ms (Terminal-peak saw tooth shock pulse)	122 cm (26 drops)*
Salt fog Method 509.4, *(Procedure I)*	-	Salt concentration of 5 % +-1 % (48 h wet +48 h dry/cycle)
Temperature Method 501.4 & Method 502.4, *(procedure I, II)*	-40 °C to 55 °C (-40 °F to 131 °F)	-40 °C to 70 °C (-40 °F to 158 °F)
Temperature shock Method 503.4 (procedure I)	-40 °C to +55 °C (-40 °F to +131 °F)	-
Vibration Method 514.5		
- Category 2	-	√
- Category 14	√	-
- Category 20 a & b	√	-

** Only with optional Peli Case*

MIL-STD-461F	Limitation	Threshold
EMI radiated Method RE102	10 kHz to 18 GHz	Navy Mobile & Army
EMI radiated Method RS103	2 MHz to 1 GHz	Army
EMI conducted Method CE102	10 kHz to 10 Mhz	Basic Curve
EMI conducted Method CS101	30Hz to 150 kHz	Curve #1
EMI conducted Method CS114	10 kHz to 200 MHz	Army
EMI conducted Method CS115	Tested according to standard	Army
EMI conducted Method CS116	10 kHz to 100 MHz	Army

ISO 9001: Certificate No. FM68727
ISO 14001: Certificate No. EMS554313

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