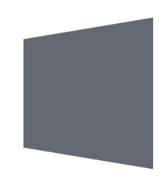
# 19"/2® Computer i7 MIL CS222





### One-quarter the size. All the power

The 19"/2 Computer i7 CS222 is a rugged computer with 38999 MIL connectors. The compact form factor combined with the processing power of an Intel Core i7-3517UE processor gives you high-performance computing power into a frame up to 75% smaller than standard 19" rugged computers.

#### Built to take a beating

The 19"/2 Computer i7 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 CS222

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Technical Specificati			
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	X1 (38999)		
(front)	- 2xRS232		
	- 1x Audio in		
	- 1x Audio out		
	- 4x USB		
	X2 (38999)		
	- 1x LAN (10/100/1000Mbps)		
	X3 (38999)		
	- 1x DVI		
	- 1x VGA		
	- 1x Remote Power On		
	1 x DC In 10-32V (ITS)		
Interface	1 x Service Port		
(back)			
Power	Max 100 W		
Consumption			
Transient power	Designed to meet MIL-STD-1275D		
protection			
Case	Aluminium		
Dimensions	220 x 391 x 44 mm (W x D x H)		
Weight	≤ 5 kg		
Certification	Designed to meet IP54, MIL-STD-810F, MIL-STD-461F and MIL-STD-1275D		
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, ( <i>Procedure I</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	- V V Case	<b>V</b> -		
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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

