19"/2[®] Computer i7 MIL CS224



One-quarter the size. All the power

The 19"/2 Computer i7 CS224 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



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Technical Specification		MIL-STD-810F	Operating	Storage
CPU	Intel Core i7- 3517UE (Max 2,8 GHz)	Altitude	4572 m (15000 ft)	Rapid
Graphics	Intel HD4000 Graphics	Method 500.4,		decompression
Resolution	VGA: 2048 x 1536	(procedure II,III)		12180 m (40000 ft)
	DVI: 1920 x 1200 Single Link	Humidity	Five 48 h test	-
RAM	Maximum 16 GB RAM DDR3 (2 slots)	Method 507.4	cycles	
Storage	SATA HDD or SSD (optional)	Shock Mathed E16 E	40 G, 11 ms	122 cm (26 drops)*
Interface	X1 (38999)	(procedure LIV)	(Terminal-peak saw tooth shock	
(front)	- 2xRS232	(procedure 1, 17)	pulse)	
	- 1x Audio in	Salt fog	-	Salt concentration of
		Method 509.4,		5 % +-1 % (48 h wet
	- 4X USB	(Procedure I)		+48 h dry/cycle)
	V2 (20000)	Temperature	-40 °C to 55 °C	-40 °C to 70 °C
	$\Lambda Z (30999)$	Method 501.4 &	(-40 °F to 131 °F)	(-40 °F to 158 °F)
	- 4X LAN (10/100/1000/00ps)	Method 502.4,		
	- 17.030	(procedure 1, 11)		
	V2 (2000)	Method 503 4	-40 C t0 +55 C (-40 °F to +131 °F)	-
	Λ3 (30777)	(procedure I)		
	- 1x DVI	Vibration		
	- 1x Remote Power On	Method 514.5		
	- 1x USB	- Category 2	-	V
		- Category 14	V	-
	X4 (38999)	- Category 20 a & D * Only with ontional P	V oli Caso	-
	- 1x eSATA			
	1 x DC In 10-32V (ITS)	MIL-STD-461F	Limitation	Threshold
Interface	1 x Service Port	EMI radiated	10 kHz to 18 GHz	Navy Mobile & Army
(back)		Method RE102		
Power	Max 100 W	EMI radiated	2 MHz to 1 GHz	Army
Consumption		Method RS103		
Transient power	Designed to meet MIL-STD-1275D	EMI conducted	10 kHz to 10 Mhz	Basic Curve
protection		Method CE102		0 11
Case	Aluminium	EIMI conducted	30Hz to 150 kHz	Curve #1
Dimensions	220 x 391 x 44 mm (W x D x H)			A 1999 1
Weight	≤ 5 kg	EIVII CONducted		Анну
Certification	Designed to meet IP54, MIL-STD-810F,	FMI conducted	Tested according to	Army
	MIL-STD-461F and MIL-STD-1275D	Method CS115	standard	лшу
Other	No fans	EMI conducted	10 kHz to 100 MHz	Army

Method CS116



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