

19"/2[®] Server CS391



Full Server in a 19"/2 form factor

The 19"/2 Server CS391 packs high-performance computing power into a frame up to 75 % smaller than standard 19" rugged servers. This significantly reduces the servers weight, energy consumption and heat production.

Built to take a beating

The server 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® Server CS391

Technical Specification

CPU Intel Core Xeon E3-1505M V5 3.7 GHz
8 MB Cache, 4 Cores, 8 Threads

Graphics Intel HD Graphics P530

Resolution VGA: 2048 x 1536

RAM Maximum 32 GB RAM DDR4 (ECC support)

Storage 3 HDD slots for SATA SSD
Hardware RAID 0, 1 and 5

Interface (front) 1x VGA
2x Removable RAID disks
1x Removable USB backup disk
4x USB 2.0
2x LAN RJ45 (10/100/1000Mbps)
1x RS232
1 x DC in 10-32V (ITS)

Interface (back) 1x LAN Fiber LC (1Gbps single mode 1310nm)
2x USB 2.0
1x eSATA
1x Service port

Power Consumption Max 100 W

Transient power protection Designed to meet MIL-STD-1275D

Case Aluminium

Dimensions 220 x 332 x 88 mm (W x D x H)

Weight ≤ 8 kg

Certification Designed to meet IP54, MIL-STD-810F, MIL-STD-461F and MIL-STD-1275D

Other No fans

Designed to meet:

MIL-STD-810G	Operating	Storage
Altitude Method 500.5, (procedure II,III)	4572 m (15000 ft)	Rapid decompression 12192 m (40000 ft)
Humidity Method 507.5 (procedure II)	Aggravated, 95% RH duration 5 days	-
Shock Method 516.6, (procedure I, IV)	40 G, 11 ms (Terminal-peak saw tooth shock pulse)	122 cm (26 drops)*
Salt fog Method 509.5, (Procedure I)	4 x 24 hrs	-
Temperature Method 501.5 & Method 502.5, (procedure I, II)	-40 °C to 55 °C (-40°F to 131°F)	-40 °C to 71 °C (-40°F to 160°F)
Temperature shock Method 503.5 (procedure I)	-40 °C to 55 °C (-40°F to 131°F)	-
Vibration Method 514.6		
- Category 14	✓	-
- Category 20 a & b	✓	-

* Only with optional Peli Case

Designed to meet:

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

