

19"/2[®] Server CS371



Full Server in a 19"/2 form factor

The 19"/2 Server CS371 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 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 CS371

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
DVI: 1920 x 1200 Single Link

RAM Maximum 32 GB RAM DDR4
(ECC support)

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

Interfaces (front) X1 (38999)
- 1x VGA
- 1x RS232 (COM1)
- 1x Audio In
- 1x Audio Out
- 2x USB

X2 (38999)
- 4x LAN (10/100/1000Mbps)

X3 (38999)
- 1x DVI
- 3x USB
- 2x RS232 (COM3 TX/RX/RTS,
COM4 TX/RX/RTS)
- 1x Remote Power On

1 x DC in 10-32V (ITS)

Interfaces (back) 1 x Service Port

Power Consumption Max 100W

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

Case Aluminium

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

Weight ≤ 7 kg

Certifications 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

