

# Technical datasheet

- ▶ Rugged 4U 19 inch rack PC
- ▶ Hermetic sealed / passive cooled
- ▶ MIL-STD 461 / MIL-STD 810
- ▶ Integrated UPS

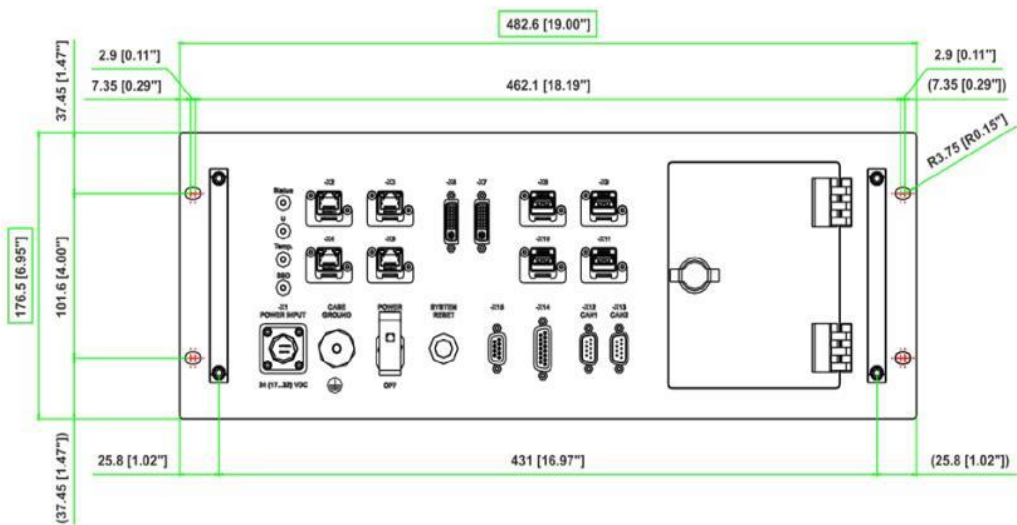


**Part no.:** TBD  
**Description:** BRC 4H19-I7-DC24-BB

preliminary  
 Ver.:0.5

Configuration		Power Supply	
CPU:	Intel Core i7	Input voltage:	24 V (18 - 32 VDC, elec. isolated)
RAM:	8 Gbyte (max 32Gbyte)	Connector:	LJT00RT-11-98P014
Mass storage 1:	256 Gbyte SSD (removable)	Grounding:	M6 ground stud
Mass storage 2:	option second 2,5" SSD drive (removable)	Power consumption :	
Exp. Socket 1:	1 x PCI-e (x4)	VA typ.:	na
Exp. Socket 2:	1 x PCI-e (x16)	Watt typ.:	tbd
Others:	Integrated UPS;UPS batteries front side accessible	<b>Environment</b>	
Others:	RTC battery external accessible	Temperature:	
		Operating :	0 to +55°C
		Storage :	-30 to +70°C
<b>Interfaces / connections</b>		Humidity:	5-95% @40°C (not condensing)
DVI:	2 x DVI; ; (DVI-D)		
LAN:	2 x LAN Gbit; ; (RJ45)	EMI/EMC:	MIL-STD 461 submarine (RE01/RE02)
USB:	4 x USB 2.0; ; (USB Typ A)		MIL-STD 461 (naval application)
Options:	2 x CAN BUS; ; (9 p. D-Sub)	Vibration:	MIL-STD 810 10-57Hz / 0,076mm 57-500Hz / 9,8m/s <sup>2</sup> (BTM)
Options:	other configuration;	Shock:	MIL-STD 810 20G/17ms half sine
		<b>Other</b>	
		MTBF in hours:	tbd ,
		Ground concept:	floating (logic ground isolated from chassis)
<b>Front &amp; Chassis</b>		<b>Qualification</b>	
Aluminum housing:	front plate / cabinet	MIL-STD 461-D (BTM);MIL-STD 810 (BTM)	
Cooling concept:	Passive cooling (no fan, no noise)	CE	
Finish:	customized		
Mounting:	19" Rackmount	<b>Options</b>	
Dimension in mm:	(HxWxD) 176,5 / 482,6 / 384,5	Customization on request	
Weight in kg :	19 Kg		

## Mechanical Dimension:



## REAR VIEW

