

Technical datasheet

- ▶ Rugged Box PC
- ▶ no moving parts
- ▶ passive cooled
- ▶ designed for rugged application



Part no.: 37-002-00-22
 Description: BQC BOX-I3-DVI-DC24-CAN

released
 Ver.:1.0

Configuration		Power Supply	
CPU:	Intel I3-6100E. 2,7Ghz	Input voltage:	24 V (18 - 32 VDC, elec. isolated)
RAM:	8 Gbyte	Connector:	M16 Binder 680 (male)
Mass storage 1:	64 Gbyte 2,5" SSD	Grounding:	M6 ground stud
Mass storage 2:	- n/a -	Power consumption :	
Exp. Socket 1:	2 x CAN BUS	VA typ.:	na
Exp. Socket 2:	1 x mPCIe (x1)	Watt typ.:	39 W
Function keys:	foil keyboard (top side)	Environment	
Others:	RTC Battery external accessible	Temperature:	
		Operating :	10 to 40°C
		Storage :	-20 to +60°C
Interfaces / connections		Humidity:	35 to 85% @ 40°C (not condensing)
DVI:	1 x DVI; DVI-I	EMI/EMC:	CE;IEC 60601
USB:	2 x USB 2.0;4 x USB 3.0; USB Typ A	Vibration:	IEC 60945 0,5 G rms 5-200 Hz
LAN:	2 x LAN Gbit; RJ45	Shock:	MIL-STD 810 +/- 10G/11ms half sine (BTM)
CAN:	2 x CAN BUS; 9 p. D-Sub		
	- n/a -;		
		Other	
		MTBF in hours:	tbd ,
		Ground concept:	Grounded (Logic ground connected to Chassis)
Front & Chassis		Qualification	
Aluminum housing:	front plate IP 65 / cabinet IP 23	CE;IEC 60601	
Cooling concept:	passive cooling (no fan, no noise)	CE	
Finish:	RAL 9005 (black)		
Mounting:	Console mount;VESA 100	Options	
Dimension in mm:	(HxWxD) 239 / 329 / 54	customization on request	
Weight in kg :	4 kg		

Mechanical Dimension:

