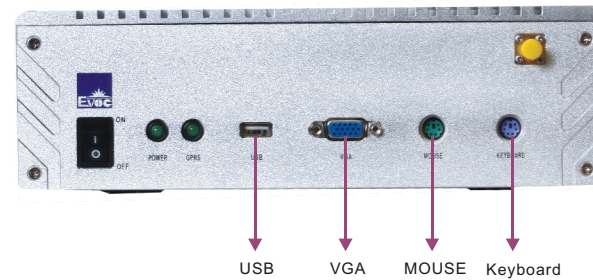


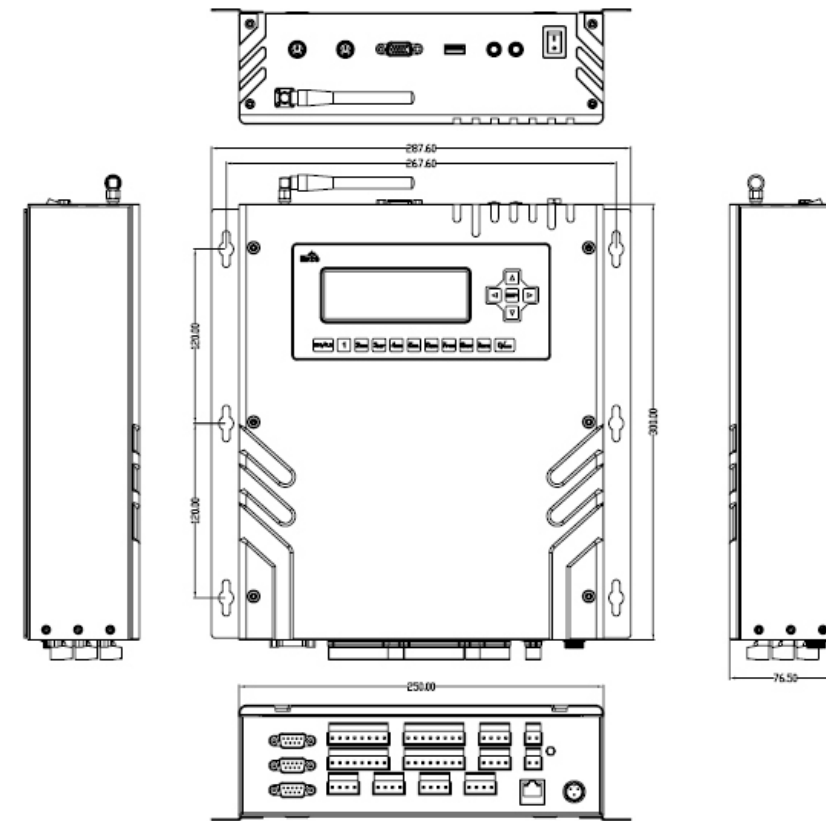
TEP-DCU2001



Fanless Embedded PC



Dimensions



1

Full-Size/Half-Size Slot CPU Cards

2

SBC/Motherboard Modules

3

Embedded Box PC

4

Network Application Computers

5

Industrial PC

6

HMI

7

EVOG Rugged Series

8

MCC Series

9

Chassis

10

Data Acquisition Boards & Modules

11

Accessories

1

Full-Size/Half-Size Slot CPU Cards

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SBC/Motherboard Modules

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Accessories



- ### Features
- Hermetic, fanless, Low-Power
 - 6 x serial port
 - Multiway AD Input
 - Multiway Switch Quantity Input/output
 - Built-in GPRS/WLAN modules
 - Optional 192 x 64 LCD/keypad for installation and operation interface

Specifications

System	
Processor	AMD LX800 500MHz
Memory	Onboard 256MB DDR memory
Storage	
IDE	N/A
Serial ATA	N/A
CF	8GB CF card
Floppy	N/A
DOC/DOM	N/A
I/O Interface	
USB	1 x USB2.0
Serial Port	3 x RS-232(two of them support Photoelectric isolation), 1 x RS422(supports Photoelectric isolation), 2 x RS485(support Photoelectric isolation)
Analog Input	8-channel single-end Analog input (12-bit, Sampling Frequency up to 100KHz), Up to 12 channels
Switch Quantity Input	8-channel switch quantity input, Up to 16 channels
Switch Quantity Output	8-channel switch quantity output(optional TTL or Darlington)
Wireless	GPRS (include 1 x GPRS LED), 802.11 B/G WLAN optional
Hardware Monitor	System Temperature Alarm
Display	
Resolution	VGA mode up to 1280 x 1024@75Hz
Dual Display	N/A

Ethernet	
Speed	1 x 10/100Mbps (2 x 10/100Mbps optional)
Connector	1 x RJ45
Mechanical and Environmental	
Dimensions	300mm(W) x 250 (D) x 80(H)
Reliability	MTBF ≥ 30000h; MTTR ≤ 0.5h
Operating Temperature	-10 C~60 C
Storage Temperature	-40 C~70 C
Operating Humidity	20%-93%, 40 C non-condensing
Power	
Power Supply	Supports DC 12V direct input or external 30W AC power
Power Consumption	Adaptor with input AC 100-240V 50/60Hz N/A
Operating System	
Windows OS	Windows 2000/ Windows XP
Embedded OS	Linux/ Windows XPE/Window CE
Test	
Vibration	5-19Hz/1.0mm amplitude; 19-200Hz/1.5g acceleration
Shock	15g acceleration, 11ms duration
EMC/EMI	GB9254-1998 Class A
Certification	RoHS, CE

Available Accessories

Part Number	Name	Description	Qty.
2391-000490	Screw/RoHS	Countersunk head M3x6/thickness 1.5mm/GB-T819-1985	6
—	User's Manual/RoHS	TSC-2001	1
—	Driver CD/ RoHS	TSC-2001	1

Ordering Information

Part Number	Model Number	Description
0010-022210	TEP-DCU2001	Complete PC/RoHS: 256MB/8GB/GPRS
0010-021910	TEP-DCU2010	Complete PC/RoHS: 256MB/8GB/GPRS/192x64 LCD/keypad