

EPC

EPC-8120

Slim and Fanless Embedded PC

Features and Benefits:

- Supports Intel® Atom™ E640T/E680T CPU on board
- Fanless and compact size PC
- Maximum support 2 x LAN, 4 x USB2.0 and 4 x Serial port, 4 in/ 4 out Digital IO , 1 x CANBUS
- Support wide temperature -20°C ~ 60°C (for CFast card)
- Support 9~36V wide range DC -in

Distributed by :



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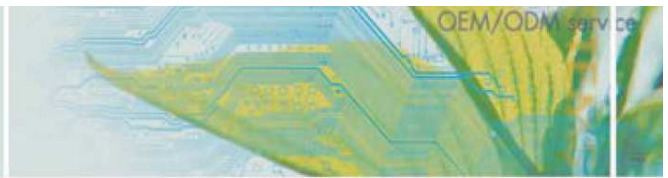


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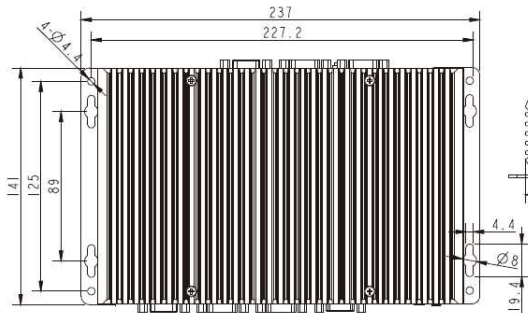


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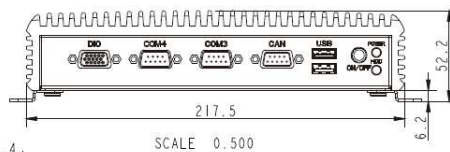
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Slim and Fanless Embedded PC

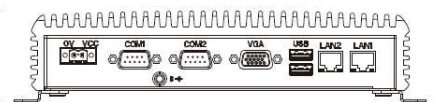
Top View



Front View



Rear View



Unit: mm

Specification

System

CPU Support	Intel® Atom™ E640T/E680T CPU on board
Chipset	Intel® EG20T
Memory Support	DDR2 1GB On board memory
Watchdog	1~255secs Watchdog timer selectable w / Reset / NMI
Driver Bay	1 x 2.5 inch SATA HDD or SSD driver space support
Audio	High Definition Audio
Power Supply	9~36V DC-in
Power Adaptor	24V, 72W power adaptor (optional)
Expansion Slot	1 x CFast slot, 1 x mini-PCIe slot
System Weight	2Kg
Dimension (W x H x D)	217.5 x 45 x 148 mm (8.56" x 1.77" x 5.83")
Certificate	FCC / CE

VGA	1 x VGA
LAN	2 x 10/100/1000 LAN
Audio	1 x Line out
USB	2 x USB2.0

Environment

Operation Temp.	HDD: 0°C ~ 45°C (32°F ~ 113°F) CFast card: -20°C ~ 60°C (-4°F ~ 140°F)
Storage Temp.	-20°C ~ 70°C (-4°F ~ 158°F)
Humidity	20% ~ 90%
Anti-Vibration	IEC60068-2-64 Fh

* All information contained in this document is subject to change without prior notice. Please log on www.protech.com.tw to acquire latest information. For detail mechanics drawing, please contact our sales.

I/O Ports (Front side)

Serial Port	2 ports support (COM 3/4 for RS232)
Digital I/O	4in / 4out
USB	2 x USB2.0
CAN BUS	1 x CANBUS

I/O Ports (Rear side)

Serial Port	2 ports support (COM1 for RS232, COM2 for RS232/422/485, COM1/2 RI/5V/12V selectable)
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Ordering Information

SE-8120RA-A0B	Intel® E640T processor (1.0 GHz) + 1GB memory Embedded PC, w/ 1 x VGA, 4 x COM, 2 x LAN, 4 x USB2.0, 1 x Digital I/O (4in/4out), 1 x CAN BUS
SE-8120RA-B0B	Intel® E680T processor (1.6 GHz) + 1GB memory Embedded PC, w/ 1 x VGA, 4 x COM, 2 x LAN, 4 x USB2.0, 1 x Digital I/O (4in/4out), 1 x CAN BUS

* CPU, DDR, Slim HDD are available as optional items.



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PROTECH SYSTEMS

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