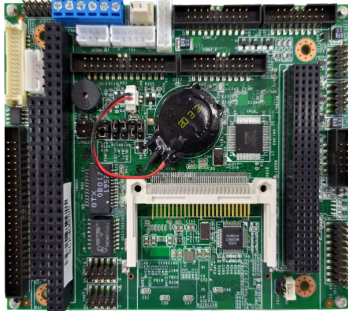




PBE-1101

ETX Carrier board



Features

- ETX® 3.02 Carrier Board
- PC/104-Plus Interface
- Analog RGB, LVDS Display
- 4 x USB Ports, 4 x Serial Ports
- CompactFlash Disk Socket
- **Wide Range Operating Temp.: -40 ~ 85°C**

I/O

Serial Port	3 x RS-232 port with pin-header 1 x RS-232/422/485 selectable port with pin-header
Parallel Port	1 x LPT port
Keyboard & Mouse	1 x box header (PS/2 interface for keyboard and mouse)
USB 2.0	4 x USB 2.0 port w/ pin header
Expansion	PC/104-Plus interface 1 x I2C
Storage	1 x IDE box header 1 x CompactFlash Type II socket
Ethernet	1 x LAN port by CPU module 1 x GbE port
Digital I/O	16-bit Digital Input/Output, 8-in/ 8-out
Audio	Mic-in/Line-in/Line-out
RF	1 x IrDA

Display

Graphic Interface	1 x VGA port 1 x Dual channels 24-bit LVDS port
-------------------	--

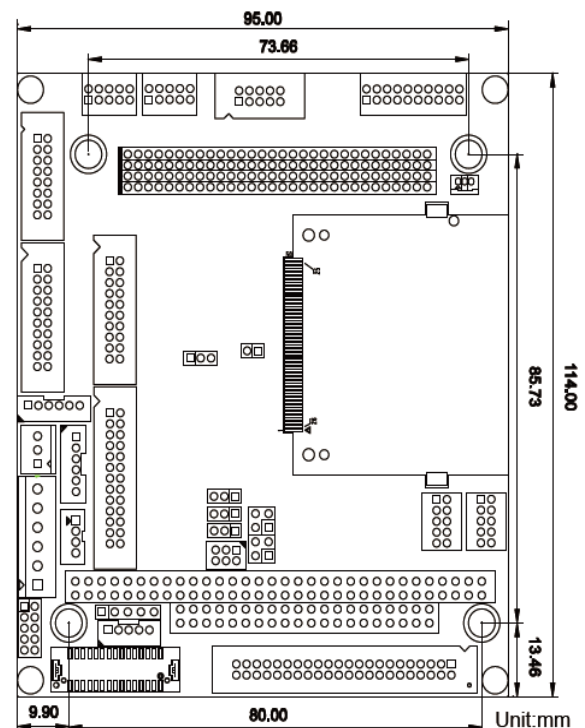
OS Support

Depends on CPU module

Mechanical & Environmental

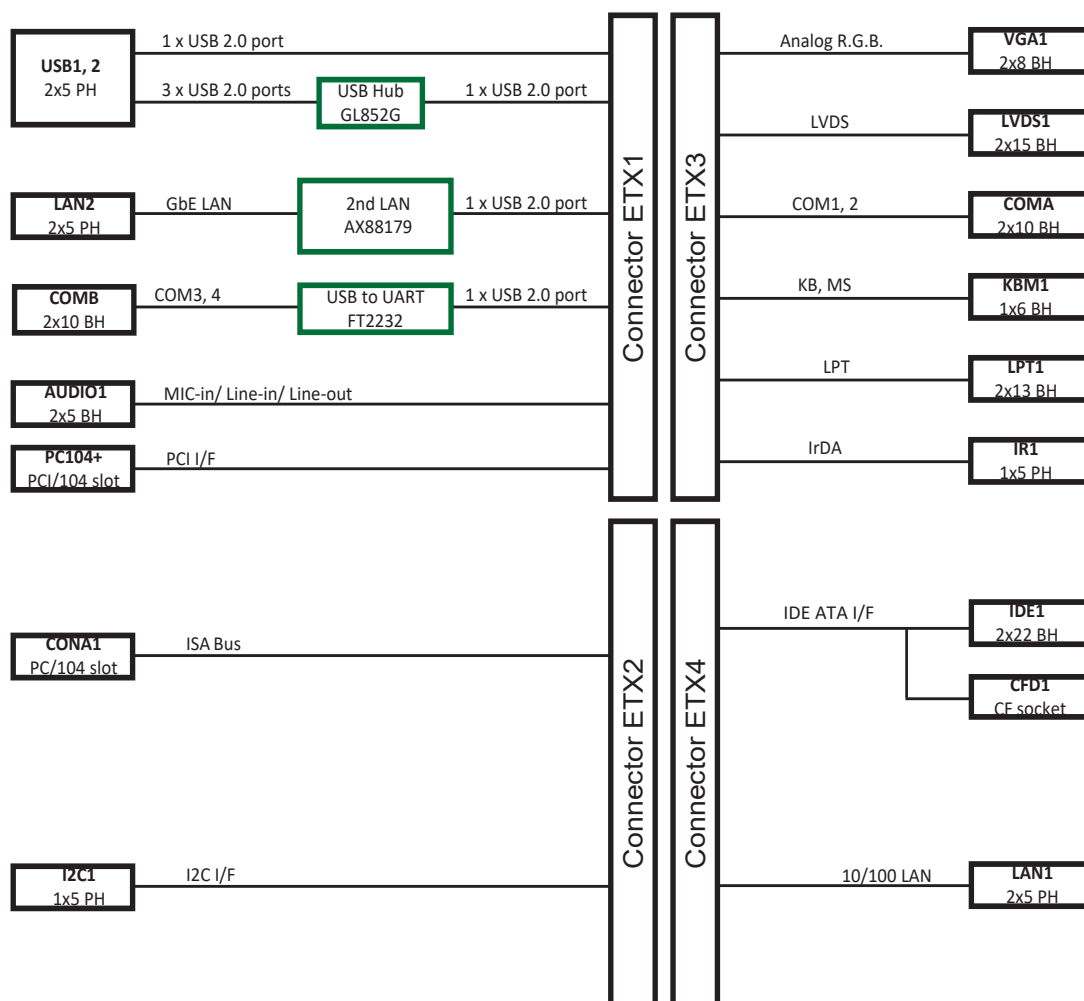
Power Requirement	+12V DC input
Power Consumption	1.789A@5V with EmETX-i2304-E3825 2.025A@5V with EmETX-i2304-E3845
Operating Temp.	-40 ~ 85°C (-40 ~ 185°F)
Operating Humidity	10 ~ 95% @ 85°C (non-condensing)
Dimensions (L x W)	114 x 95mm(4.48" x 3.7")

Dimensions





Block Diagram



Ordering Information

PBE-1101	ETX 3.02 Carrier Board
----------	------------------------

Optional Accessories

CBK-15-1101-00	- Cable kit 1 x Audio cable 2 x USB cables 2 x Serial port cables 1 x IDE cable 1 x LPT cable 2 x Ethernet cables 1 x VGA cable 1 x KB/MS cable 2 x SATA cables 1 x Power cable (4 wires) 1 x Power cable (2 wires)
----------------	--

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

US

sales@assured-systems.com

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660