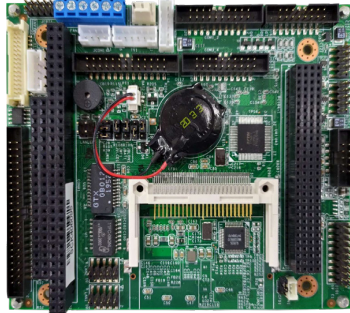




# PBE-1101



## 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
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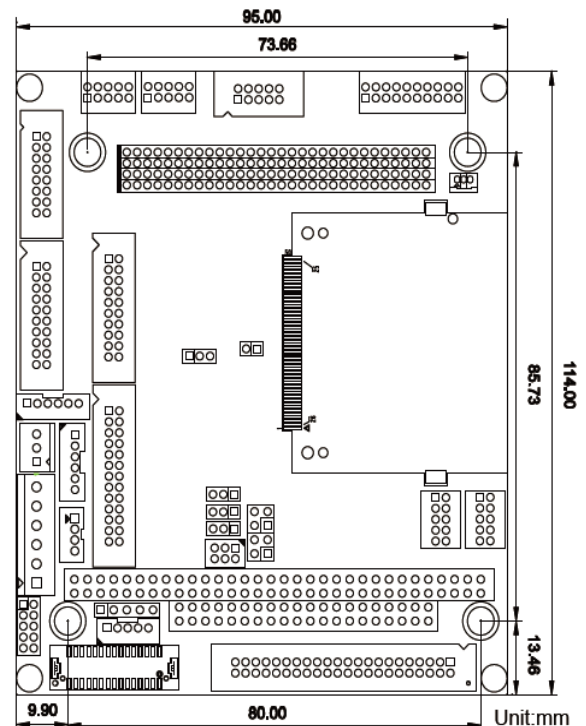
### OS Support

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

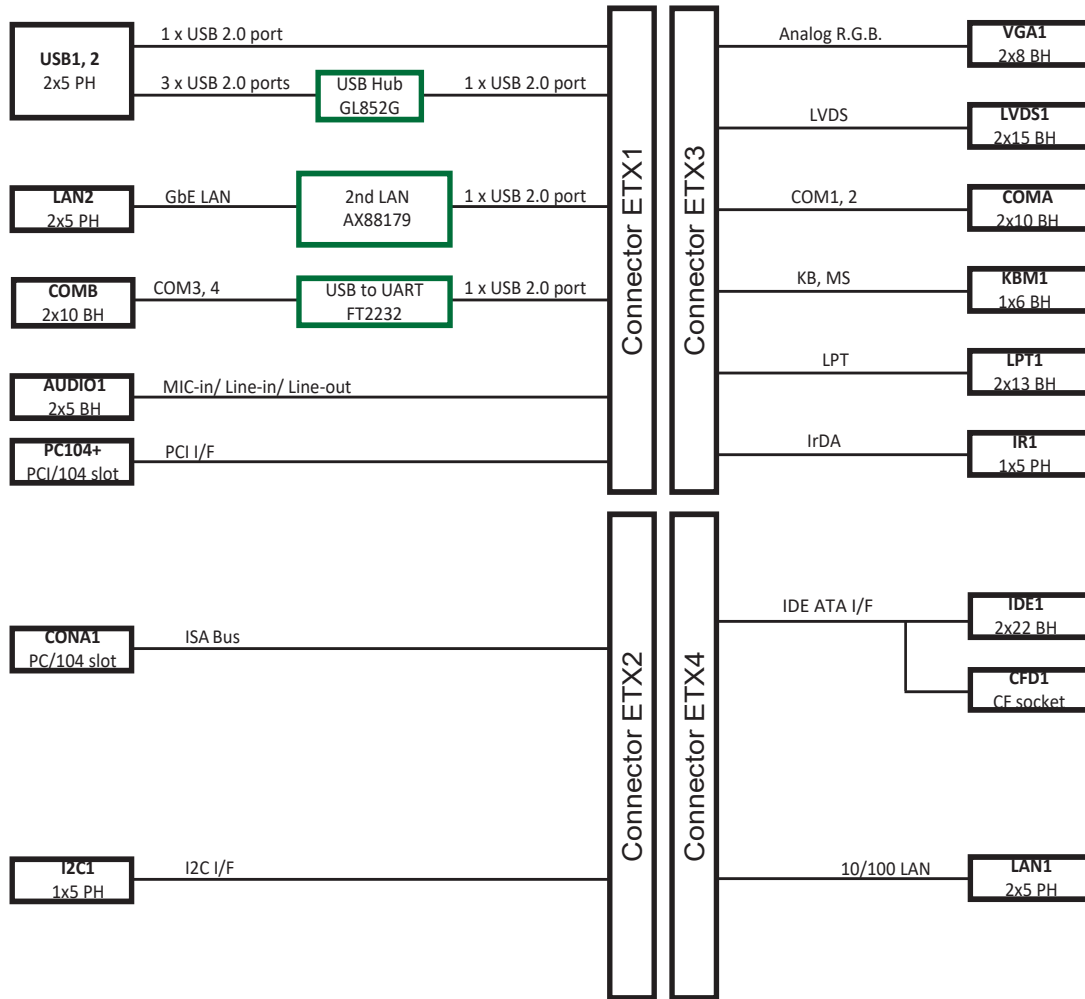


Computer on Module

All specifications are subject to change without notice.



**Block Diagram**



**Ordering Information**

PBE-1101 ETX 3.02 Carrier Board

**Optional Accessories**

CBK-15-1101-00	<ul style="list-style-type: none"> <li>Cable kit</li> <li>1 x Audio cable</li> <li>2 x USB cables</li> <li>2 x Serial port cables</li> <li>1 x IDE cable</li> <li>1 x LPT cable</li> <li>2 x Ethernet cables</li> <li>1 x VGA cable</li> <li>1 x KB/MS cable</li> <li>2 x SATA cables</li> <li>1 x Power cable (4 wires)</li> <li>1 x Power cable (2 wires)</li> </ul>
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## 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.

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