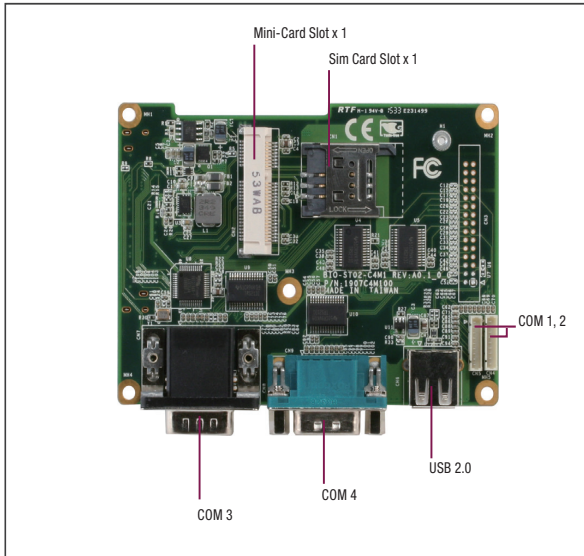


# 03 ▶ BIO-ST02-C4M1

2.5" BIO Daughter Board with COM x 4, Mini-Card, SIM and USB

Pico-ITX Boards - BIO



## Features

- RS-232 x 4
- Mini-Card (Full Size) x 1
- SIM slot x 1
- USB 2.0 x 1

• Mini-Card (Full Size): Completely compatible with PICO-BT01. PCIe x1 only for PICO-BSW/ PICO-APL1/ PICO-APL3/ PICO-APL4/ PICO-KBU4/ GENE-SKU6/ GENE-KBU6.



## Specifications

| System                |                                                                  |
|-----------------------|------------------------------------------------------------------|
| Form Factor           | 2.5" Board                                                       |
| BIO                   | 80-Pin high speed Board to board connector                       |
| Power Requirement     | Power Supplied from MB via board to board connector              |
| Dimension             | 3.94" x 2.84" (100mm x 72mm)                                     |
| Gross Weight          | 0.44 lb (0.2 Kg)                                                 |
| Operating Temperature | 32°F ~ 140°F (0°C ~ 60°C)                                        |
| Storage Temperature   | -40 °F ~ 176°F (-40°C ~ 80°C)                                    |
| Operating Humidity    | 0% ~ 90% relative humidity, non-condensing                       |
| Certification         | —                                                                |
| OS support            | Windows 10 (64 bit)                                              |
| I/O                   |                                                                  |
| Ethernet              | —                                                                |
| USB                   | USB 2.0 x 1 on rear I/O                                          |
| Audio                 | —                                                                |
| Expansion Interface   | —                                                                |
| PCIe                  | Mini-Card x 1 (full size), SIM x 1                               |
| Serial Port           | COM1, COM2 RS-232 by Pin Header<br>COM3, COM4 RS-232 on Rear I/O |
| SIM                   | —                                                                |
| DIO                   | —                                                                |

## Packing List

- Accessory Kit
- COM Port Cables
- BIO-ST02-C4M1

## Ordering Information

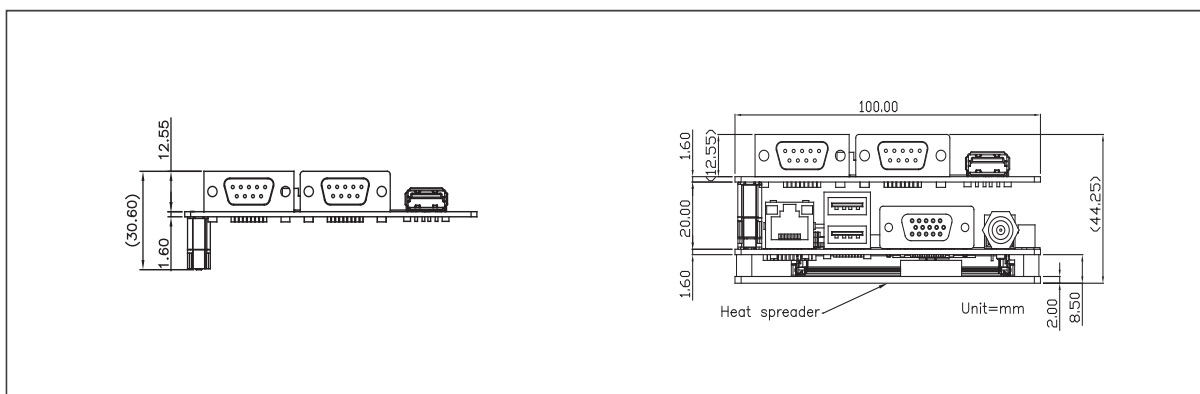
| P/N                   | USB | RS-232 | Expansion Slot         | Temp.      |
|-----------------------|-----|--------|------------------------|------------|
| BIO-ST02-C4M1-A10-01* | 1   | 4      | Mini-Card x 1, SIM x 1 | 0°C ~ 60°C |

\* Customized BIOS is required.

\* For mini-card module expansion ( via USB2.0 signal), suggest to use PICO-BT01 only.

## Dimension

Unit: mm



## 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](mailto: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](mailto: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