

IBOX-BYTI C TYPE

Fanless Box system with Intel® Bay Trail SoC



Wide DC-in



Dual Display



Fanless

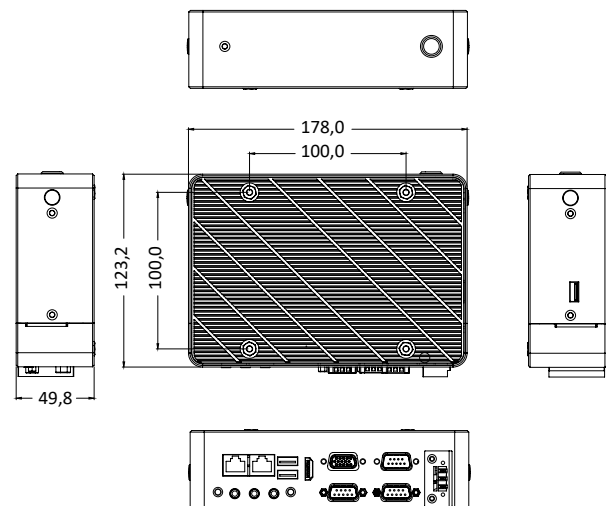
Key Features

- Intel® Bay Trail SoC onboard processor
- Dual display: VGA/HDMI
- 1 VGA, 1 HDMI, 3 USB, 3 COM, 2 LAN, 1 Audio
- DC 12 ~ 24V input
- Wide temperature: -20°C ~ 60°C
- Watchdog timer

Product Specification

| | |
|-----------------------|--|
| System color | Silver |
| Mechanical | Aluminum extrusion and heavy-duty steel |
| CPU | Intel® Bay Trail SoC onboard; Intel® Celeron® J1900 2.0GHz quad core SoC(10W) Intel® Atom™ E3845 1.91GHz quad core SoC(10W) Intel® Atom™ E3825 1.33GHz dual core SoC (6W) |
| Chipset | Intel® Celeron® J1000/Atom™ E3000 series SoC |
| Graphic | Intel® HD graphics |
| BIOS | AMI SPI Flash ROM |
| System memory | 1 x 204-pin DDR3L 1067/1333MHz SDRAM; max. up to 8GB |
| System I/O | 1 x VGA, 1 x HDMI, 3 x COM (2 x RS232, 1 x RS232/422/485, RS485 with auto flow control), 1 x USB3.0, 2 x USB2.0, 2 x LAN, 1 x Audio |
| Ethernet | 2 x Gigabit Ethernet (Intel® I210) |
| Storage support | 1 x 2.5" HDD , 1 x mSATA |
| Audio | Mic-in, Line-in, Line-out |
| Expansion slot | 1 x Mini-PCIe (Half size) 1 x Mini-PCIe (Full size, share with mSATA) |
| System indicators | 1 x Power LED |
| System controls | 1 x Power on switch |
| Watchdog timer | Interval: Programmable 1 ~ 255 sec. Output: System reset |
| OS Support | Win7, Win8.1, Win10, Linux |
| Power supply | Wide range DC 12 ~ 24V input, Phoenix connector |
| Operating temperature | -20°C ~ 60°C (Optional -40°C) |
| Storage temperature | -20°C ~ 80°C |
| Relative humidity | 0% ~ 90% (non-condensing) |
| Mounting kit | Wall mount/VESA100 mount/DIN mount (optional) |
| Dimensions | 178 mm(W) x 123.2 mm(D) x 49.8 mm(H) |
| Weight | 1 kg |

Dimensions



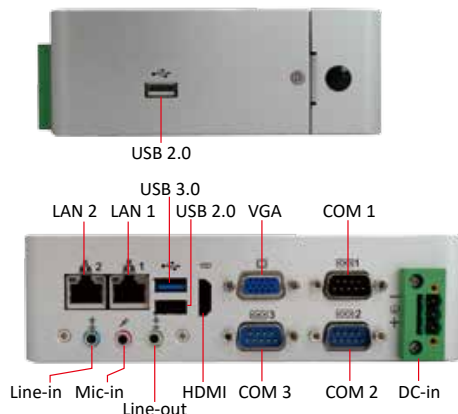
Optional

| | |
|---------------|--|
| Power cord | US (VN00000100CU) / EUR (VN00000200CU) / JP (VN00000300CU) / UK (VK00028600CU) |
| Power Adapter | 90~264VAC.60W ADAPTER (VL22002000AH) |

Ordering Information

| Part Number | description |
|--------------------------|---|
| IBOX-BYTI-1900-CN00-0000 | Standard Type C Fanless BOX PC, Intel Celeron J1900 10W, HDMI/VGA, 3COM/3USB/2LAN/1Audio, BAREBONE, DC(12V~24V)/Phoenix Connector |
| IBOX-BYTI-3825-CN00-0000 | Standard Type C Fanless BOX PC, Intel Atom E3825 6W, HDMI/VGA, 3COM/3USB/2LAN/1Audio, BAREBONE, DC(12V~24V)/Phoenix Connector |
| IBOX-BYTI-3845-CN00-0000 | Standard Type C Fanless BOX PC, Intel Atom E3845 10W, HDMI/VGA, 3COM/3USB/2LAN/1Audio, BAREBONE, DC(12V~24V)/Phoenix Connector |

Rear I/O



*All specifications and photos are subject to change without prior notice

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