



## Infallible Computing in Critical Environments **BIG BAY VENTLESS PC**

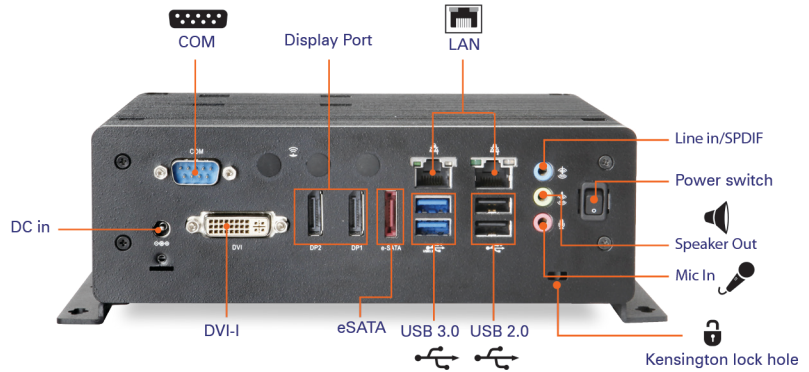
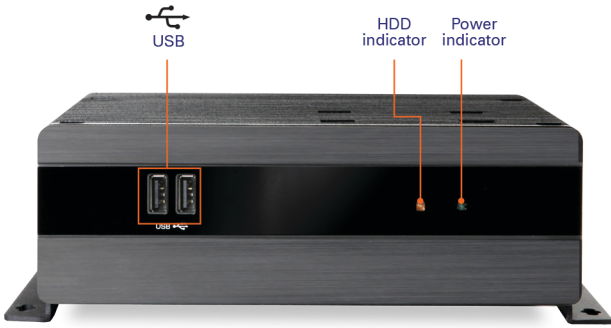
A fanless computing device designed for vigorous or highly sensitive environments.

Thanks to its fanless design the system is very quiet, reliable and flexible as to their location.

The innovative design provides:

- + Support for up to three independent (Full HD) displays
- + A unique thermal architecture
- + Ultra reliable fanless hardware with 24/7 operability
- + Energy efficient green computing
- + Long life cycle

# BIG BAY VENTLESS PC



| Model name        |  | BIG BAY VENTLESS PC   |
|-------------------|--|---|
| Feature           | Fanless design to support Intel® Ivy bridge CPU<br>Supports 3 independent displays |   |
| Housing Material  | SECC/ Aluminum   |   |
| Dimension         | W x H x D (mm)   | 200x 65 x 200mm   |
|                   | W x H x D (inch)   | 7.87 x 2.56 x 7.87inch  |
| Volume (liters)   | 2.6L   |   |
| Weight (Kg/Pound) | 2.67 kg / 5.89 lbs (N.W.)  |   |
| Form Factor       | mini-ITX   |   |
| CPU               | Socket   | Socket G2/rPGA988B  |
|                   | Type   | Supports Intel® Ivy Bridge mobile CPU , TDP≤35 watt<br>Supports Intel® Sandy Bridge mobile CPU, TDP≤35 watt   |
| Chipset           | Intel® QM77 chipset  |   |
| Memory            | Channels   | Dual Channel  |
|                   | Type   | DDRIII SO-DIMM x 2  |
|                   | DDR  | 1333/1600Mbps   |
|                   | Max Memory   | 16G (based on OS support)   |
| Graphics          | Chip   | Supports Intel® HD graphic 4000 (embedded on Ivy Bridge CPU)<br>Supports Intel® HD graphic (embedded on Ivy bridge CPU, Intel Pentium 2020M)<br>*GPU depends on CPU |
|                   | Type   | Realtek HD Audio Codec ALC662   |
| Audio             | Channels   | 5.1 CH  |
|                   | Mini Card Slot   | Full size x1/Half Size x1 (supports mSATA/SATA III)<br>Optional modules available for 3G/4G/Wi-Fi   |
| LAN               | Intel® Gb Ethernet - 82583V<br>Intel® Gb Ethernet - W82579LM                       | 10/100/1000Mbps   |
|                   | SATA Connector   | x 1 (2.5" SATA HDD)   |
| Storage           | mSATA  | x 1   |

| Security                | Trusted Platform Modules(TPM v 1.2)            | SLB9635TT1.2V1.03              |
|-------------------------|--|--------------------------------|
|                         | Kensington Lock Hole                           | x 1 (Rear)                     |
| Front Panel IO          | HDD indicator (Orange)                         | x 1                            |
|                         | Power indicator (Green)                        | x 1                            |
|                         | USB2.0 Port                                    | x 2                            |
| Rear Panel IO           | DC Jack  | x 1                            |
|                         | Power Button                                   | x 1                            |
|                         | DVI Port                                       | x 1                            |
|                         | VGA Port                                       | x 1 (via DVI to VGA converter) |
|                         | Display Port                                   | x 2                            |
|                         | USB 2.0 Port                                   | x 2                            |
|                         | USB 3.0 Port                                   | x 2                            |
|                         | Legacy RS232 Serial Port (COM Port)            | x1                             |
|                         | eSATA  | x1                             |
|                         | LAN  | x2                             |
| WatchDog Timer          | 1 ~ 255 SEC./min                               |                                |
| Adapter                 | 90W (19V, 4,74A) AC Adapter                    |                                |
| Input Voltage           | AC 100~240V/DC 12/19V                          |                                |
| Environment             |  |                                |
| MTBF                    | 40,000hrs                                      |                                |
| Operating Temperature   | -5 ~40°C (23 ~ 104°F)                          |                                |
| Storage Temperature     | -20 ~ 60°C (-4 ~ 140°F)                        |                                |
| Relative Humidity       | 90% RH (40°C non-Condensing)                   |                                |
| Operating Vibration     | 0.5Gms,Random,10~500Hz,X,Y,Z 3 Axes,0.5hr/Axis |                                |
| Non-Operating Vibration | 2Gms,Random,10~300Hz,X,Y,Z 3 Axes,1hr/Axis     |                                |

Supports:



\*Accessories available on demand



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