

## Giada i80

High-performance Smart PC with  
Intel® Mainstream Mobile CPU



### Features

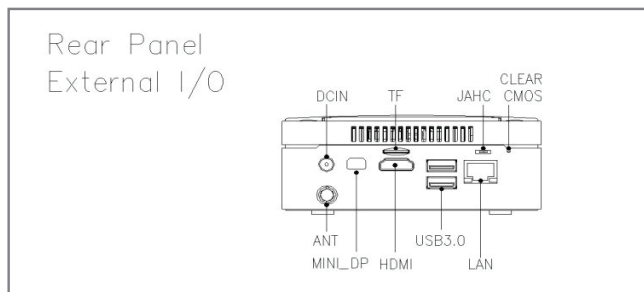
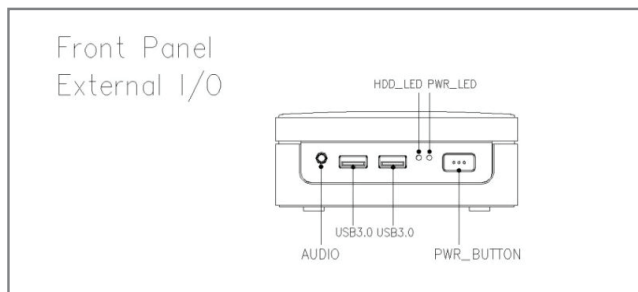
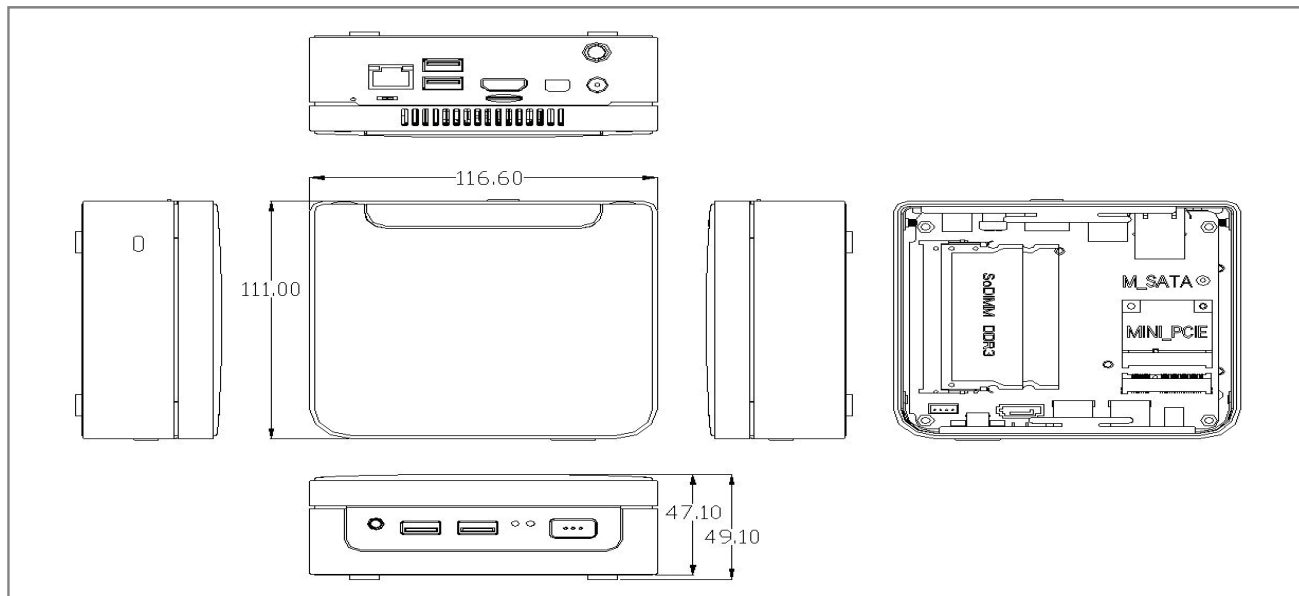
- Supports 6<sup>th</sup> Generation Intel® Core™ Processors
- Supports two independent displays
- 1 x 2.5" HDD + 1 x mSATA III
- Supports H.264 and H.265 decoding
- 4 x USB 3.0, 1 x TF card reader

### Specifications

RoHS CE FCC CCC

|                   |                          | i80-B5000                                                         | i80-B3000                       |
|-------------------|--------------------------|-------------------------------------------------------------------|---------------------------------|
| Processor System  | CPU                      | Intel® Core™ i5-6200U Processor                                   | Intel® Core™ i3-6100U Processor |
|                   | Frequency                | 2.5 GHz ( up to 2.8 GHz w / Turbo Boost 2.0 enabled )             | 2.3 GHz                         |
|                   | L3 Cache                 | 3M Cache                                                          |                                 |
|                   | BIOS                     | AMI EFI 64 Mbit                                                   |                                 |
| Memory            | Type                     | DDR3L-1600MHz                                                     |                                 |
|                   | Max. Capacity            | 16 GB                                                             |                                 |
|                   | Socket                   | 2 x 204-pin SO-DIMMs                                              |                                 |
| Graphics          | GPU                      | Integrated Intel® HD Graphics 520                                 |                                 |
|                   | Graphic Engine           | DirectX12, OpenGL4.0 and OpenCL 1.2                               |                                 |
|                   | Mini-DP                  | Max. 4096 x 2304 @60Hz                                            |                                 |
|                   | HDMI                     | Max. 4096 x 2304 @24Hz                                            |                                 |
| Audio             | Controller               | Realtek ALC662-VD0, 1 x 2-in-1 Headset ( MIC-IN & AUDIO OUT )     |                                 |
| Ethernet          | Controller               | Intel I219LM, Gigabit Ethernet, Wake-on-LAN support               |                                 |
| I/O Interface     | Serial Ports             | N / A                                                             |                                 |
|                   | USB Interface            | 4 x USB 3.0                                                       |                                 |
| Other             | Watchdog Timer           | Patented JAHC unattended Technology                               |                                 |
|                   | IR                       | Yes ( only support power ON / OFF )                               |                                 |
| Expansion         | Mini PCIe #1             | 1 x full-length Mini-PCIe with mSATAII support                    |                                 |
|                   | Mini PCIe #2             | 1 x half-length Mini-PCIe, with Wi-Fi or BT module support        |                                 |
| Storage           | 2.5" Drive Bay           | 1 x 2.5" SATA drive bay ( Max Height 7.5mm )                      |                                 |
|                   | mSATA                    | 1 x mSATA III                                                     |                                 |
|                   | TF Card                  | 1 x TF card reader                                                |                                 |
| OS Support        | Microsoft Windows        | Windows 7, Windows 8.1, Windows 10                                |                                 |
|                   | Linux                    | Supported                                                         |                                 |
| Power Requirement | Power Type               | DC-IN                                                             |                                 |
|                   | Power Adapter            | 19V 3.42A                                                         |                                 |
| Mechanical        | Construction             | Plastic housing                                                   |                                 |
|                   | Mounting                 | Desk / Wall Mounting ( Standard ), VESA Mounting Kit ( Optional ) |                                 |
|                   | Dimensions ( W x H x D ) | 116.6 x 111 x 47.1 mm                                             |                                 |
|                   | Color                    | Black, Blue                                                       |                                 |

|             |                       | i80-B5000                    | i80-B3000 |
|-------------|-----------------------|------------------------------|-----------|
| Environment | Operating Temperature | 0~40 °C at 0.7m / s air flow |           |
|             | Storage Temperature   | -20~60 °C                    |           |
|             | Relative Humidity     | 95%@40 °C ( non-condensing ) |           |
| Regulation  | EMC                   | CE/FCC Class B, CCC          |           |
|             | Safety                | CE/FCC LVD, CCC              |           |



## Order Information

| Part Number | Intel CPU | RAM        | Mini-DP | HDMI | GbE | USB3.0 | Audio              | Mini-PCIe                          | 2.5" HDD bay | Operating Temperature |
|-------------|-----------|------------|---------|------|-----|--------|--------------------|------------------------------------|--------------|-----------------------|
| i80-B5000   | i5-6200U  | up to 16GB | 1       | 1    | 1   | 4      | MIC-IN<br>LINE-OUT | 1 x full-length<br>1 x half-length | 1            | 0 ~ 40 °C             |
| i80-B3000   | i3-6100U  |            |         |      |     |        |                    |                                    |              |                       |

## Packing List

| Part Number | Description        | Part Number | Description       |
|-------------|--------------------|-------------|-------------------|
| -           | 1 x i80            | -           | 1 x DVD           |
| -           | 1 x User Manual    | -           | 1 x Power Adapter |
| -           | 1 x AC power cable | -           | 1 x Wi-Fi antenna |

The product appearance, specifications and features are subject to change. Giada reserves the right of final interpretation for the content hereinabove.

## 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