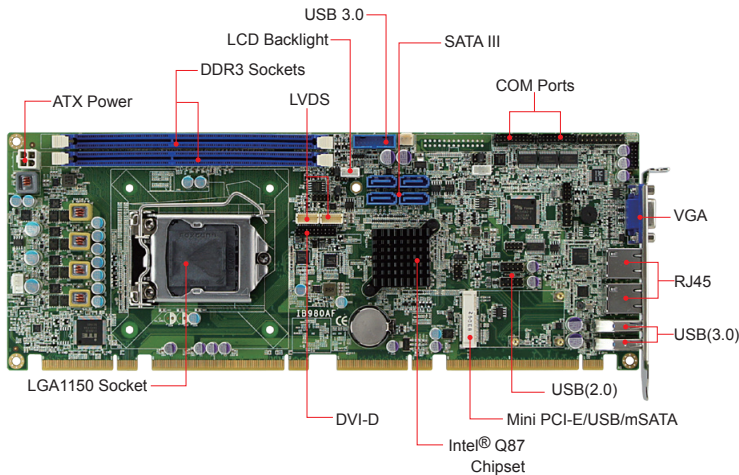




### Features

- 4th Generation Intel® Core™ i7/i5/i3/ Pentium® QC/DC Processor, up to 3.8 GHz
- 2x DDR3-1600 -DIMM, Max 16GB
- Intel® Processor integrated graphics device, supports CRT, DVI-D
- 24-bit dual channel LVDS
- iSMART 3.0 - auto-scheduler, power resume, low temperature guardian
- 2x Intel® PCI-E Gigabit LAN
- 4x USB3.0, 5x USB2.0, 4x COM, 4x SATA III
- 1x Mini PCI-E slot
- Watchdog timer, Digital I/O, iAMT(9.0), TPM(1.2)

### System

|                |                                                                  |
|----------------|------------------------------------------------------------------|
| CPU Socket     | 4th Generation Intel® Core™ DT i7/i5/i3/Pentium QC/DC processors |
| System Memory  | 2x DDR3-1600 DIMM, Max 16GB (Non-ECC)                            |
| System Chipset | Intel® Q87 PCH                                                   |
| BIOS           | AMI BIOS                                                         |
| Watchdog Timer | 256 levels                                                       |
| SSD            | 1x mSATA                                                         |
| H/W Monitor    | Yes                                                              |
| Expansion Slot | 1x Mini PCI-E                                                    |

### Graphics

|                   |                                                                     |
|-------------------|---------------------------------------------------------------------|
| VGA Controller    | 4th Generation Intel® Core™ integrated graphics                     |
| VGA Memory        | Max. shared memory – 1024MB                                         |
| Display Interface | Supports CRT, DVI-D<br>24-bit dual channel LVDS interface (IB980AF) |

### LAN

|                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| LAN Controller | Intel® I217LM Gigabit LAN PHY (IB980AF)<br>Intel® I217V Gigabit LAN PHY (IB980F)<br>Intel® I211AT PCI-E Gigabit LAN (as 2nd LAN) |
| Connector      | 2x RJ-45 on board                                                                                                                |

### Multi I/O

DT i7/i5/i3 processors

|             |                                                                                                          |
|-------------|----------------------------------------------------------------------------------------------------------|
| I/O Chipset | Fintek F81846AD-I<br>1x RS-232/422/485 (Jumperless selection)<br>3x RS232, 4x SATA III, 1x LPT (IB980F)  |
| USB         | 2 ports USB3.0 on board<br>2 ports USB3.0, 4 ports USB2.0 via pin header<br>1 port USB2.0 via Mini PCI-E |
| Audio       | Intel® Q87 PCH built-in HD audio controller +<br>Realtek ALC662 w/ 5.1 channels                          |
| Others      | Digital I/O (4-in/4-out), iSMART, TPM 1.2,<br>RAID, iAMT 9.0                                             |

### Mechanical and Environmental

|                        |                                |
|------------------------|--------------------------------|
| Dimensions             | 338mm x 126mm (13.31" x 4.96") |
| Max. Power Requirement | TBD                            |
| Operating Temperature  | 0°C~60°C (32°F~140°F)          |
| Storage Temperature    | -20°C~80°C (-4°F~176°F)        |
| Relative Humidity      | 10%~90% (non-condensing)       |

### Ordering Information

|         |                                                                                                             |
|---------|-------------------------------------------------------------------------------------------------------------|
| IB980AF | LGA1150 Q87 Full-Size CPU Card w/ VGA, DVI-D, 24-bit LVDS, dual Gigabit LAN, TPM(1.2), iAMT 9.0, iSMART 3.0 |
| IB980F  | LGA1150 Q87 Full-Size CPU Card w/ VGA, DVI-D, LPT, dual Gigabit LAN, TPM(1.2), iAMT 9.0, iSMART 3.0         |

Remarks: 1. Specifications are subject to change without prior notice.  
2. ODM/OEM is available.  
3. For user's manual & datasheet download, visit [www.ibase.com.tw](http://www.ibase.com.tw).

