

Specifications

| System | |
|-----------------------|--|
| Form Factor | MicroATX |
| COM Express Connector | x 2 |
| I/O Chipset | ITE IT8712 x 2 (Rev. A1.0, A1.0-01, A1.0-02) Winbond W83627HG x 1 (Rev. A2.1) |
| Front Panel Control | 10-pin (5 x 2) header |
| Ethernet | Intel® 82573L, 10/100/1000Base-TX, RJ-45 x 1 10/100Base-TX or 10/100/1000Base-TX, RJ-45 x 1 (From CPU module) |
| Expansion Interface | PCI-Express [x16] slot x 1 PCI-Express [x1] slot x 1 PCI slot x 1 ExpressCard slot x 1 Mini PCI slot x 1 Mini Card slot x 1 |
| Power Supply Type | AT/ ATX |
| COMS Battery | RTC battery socket x 1 |
| BIOS | Firmware Hub x 1 |
| Board Size | 9.6" x 9.6" (243.84mm x 243.84mm) |
| Gross Weight | 1.32 lb (0.6 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 |
| MTBF (Hours) | 50,000 |
| Display | |
| VGA | DB15 connector x 1 |
| LVDS | 30-pin (15x2) dual-channel LVDS connector x 1 |
| I/O | |
| Storage | 40-pin PATA connector x 1 SATA port x 4 (Rev. A1.0) SATA port x 3 (Rev. A2.1) CompactFlash™ Type 2 Slot x 1 Floppy Disk Drive connector x 1 |
| Serial Port | RS-232 port x 3, Rev. A1.0, A1.0-01, A1.0-02 (9-pin D-Sub connector x 1 + 10-pin (5x2) box header x 2) RS-232 port x 1, Rev. A2.1 (9-pin D-Sub connector x 1) RS-232/422/485 port x 1, all versions (10-pin (5x2) box header) |
| Parallel Port | DB25 connector x 1, supports SPP/ EPP/ ECP mode |
| USB | Type-A connector x 4 |
| PS/2 Port | Keyboard x 1, Mouse x 1 |
| Digital I/O | Supports 8-bit (Programmable) |
| Audio | Audio jack x 6, supports 7.1 channel audio Analog Codec: Realtek ALC888, Buzzle x 1, Speaker connector x 2 (2-pin wafer x 2), Audio Amplifier: T1 TPA0132, 2.8W, Class AB |
| IrDA | Tx/Rx header x 1 |
| Switch/ Button | Power button x 1, Reset button x 1 |

Features

- Supports COM Express Module Pin-out Type 1/ 2 (COM.0 Rev. 1.0)
- RJ-45 x 2, Supports Gigabit Ethernet
- VGA, LVDS Connector
- 7.1 Channel Audio
- PATA Connector x 1, SATA Port x 4 (3), CompactFlash™ Type 2 Slot x 1
- USB Port x 4, COM Port x 4 (2)
- PCI-Express [x16] Slot x 1, PCI-Express [x1] Slot x 1, PCI Slot x 1
- ExpressCard Slot x 1, Mini PCI Slot x 1, Mini Card Slot x 1
- AT/ ATX Power Input
- LPC Connector x 1, microATX Form Factor
- Super I/O: ITE or Winbond



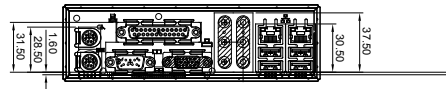
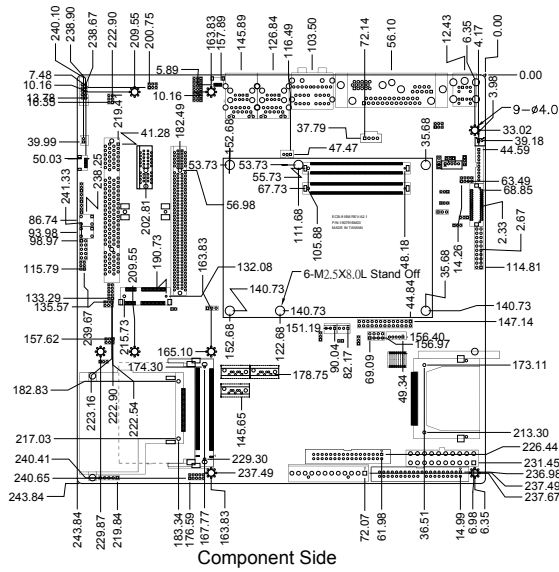
Packing List

- **9681916M00**
Cable Kit
 - 1701400453 IDE Cable x 1
 - 1709070500 SATA Cable x 1
 - 1702150150 SATA Power Cable x 1
 - 1701100207 COM Port Cable x 1
 - S1DD308042 Copper Stud x 1
 - S1DC002510 Nut x 1
- **Quick Installation Guide**
- **ECB-916M Rev.A**

ECB-916M Rev.A

Dimension

Unit: mm



Ordering Information

- TF-ECB-916M-A10-01**
 COM Express Carrier Board, microATX, Dual Gigabit Ethernet, 7.1CH Audio, 4 COM (ITE), USB, PCI-Express, AT/ATX, Rev. A1.0
- TF-ECB-916M-A10-02**
 COM Express Carrier Board, microATX, Dual Gigabit Ethernet, 7.1CH Audio, 4 COM (ITE), USB, PCI-Express, AT/ATX, 6th Standoff, Rev. A1.0
- TF-ECB-916M-A21**
 COM Express Carrier Board, microATX, Dual Gigabit Ethernet, 7.1CH Audio, 2 COM (Winbond), USB, PCI-Express, AT/ATX, Rev. A2.1