

Features

- Supports COM Express Module Pin-out Type 6/10 (COM.0 Rev. 2.0)
- RJ-45 x 2, Supports Gigabit Ethernet
- LVDS/DP Header and VGA/DVI Connector
- SATA 6.0Gb/s x 2, SATA 3.0Gb/s x 1, mSATA x 1 (Type 6)
- USB Port x 6, COM Port x 4
- PCI-Express [x16] x 1/ PCI-Express [x4] x 1
- AT/ ATX Power Input
- Mini-ITX Form Factor

Specifications

| System | |
|-----------------------|---------------------------------------------------------------------------------------------------------------------|
| Form Factor | Mini-ITX |
| COM Express Connector | x 2 |
| I/O Chipset | Winbond W83627DHG x 1 |
| Front Panel Control | 10-pin (5x2) header |
| Ethernet | Intel® WG82583V, 10/100/1000Base-TX, RJ-45 x 1 10/100 Base-TX or 10/100/1000Base-TX, RJ-45 x 1 (From CPU module) |
| Expansion Interface | PCI-Express [x16] slot x 1 (Type 6) PCI-Express [x4] slot x 1 (PCI-Express[x1] x 8 from Module) |
| Power Supply Type | AT/ ATX |
| CMOS Battery | RTC battery socket x 1 |
| BIOS | SPI x1 Firmware Hub x 1 (with DIP Switch for BIOS Selection) |
| Board Size | 6.7" x 6.7"(170mm x 170mm) |
| 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) | 90,000 |
| Display | |
| DVI/CRT | DVI 29-pin + DB 15-pin stack-type connector (Type 6) |
| LVDS | 30-pin (15x2) dual-channel LVDS connector x 1 |
| SDVO | 40pin (20x2) SDVO connector x 1 (Type 10) |
| Touch Screen | — |
| I/O | |
| Storage | mSATA x 1 (Type 6) SATA 6.0Gb/s x 2 (Type 6) SATA 3.0Gb/s x 1 |
| Serial Port | RS-232 port x 3 RS-232/422/485 port x 1 |
| USB | Type A connector x 4 (USB3.0) for Type 6 USB2.0 port x 2 (5 x 2 pin box header) |
| PS/2 Port | — |
| Audio | Audio jack x 3, Line-in, Line-out, Mic-in Analog Codec: Realtek ALC892 Buzzer x 1 |
| Switch/Button | Power button x 1 Reset button x 1 |



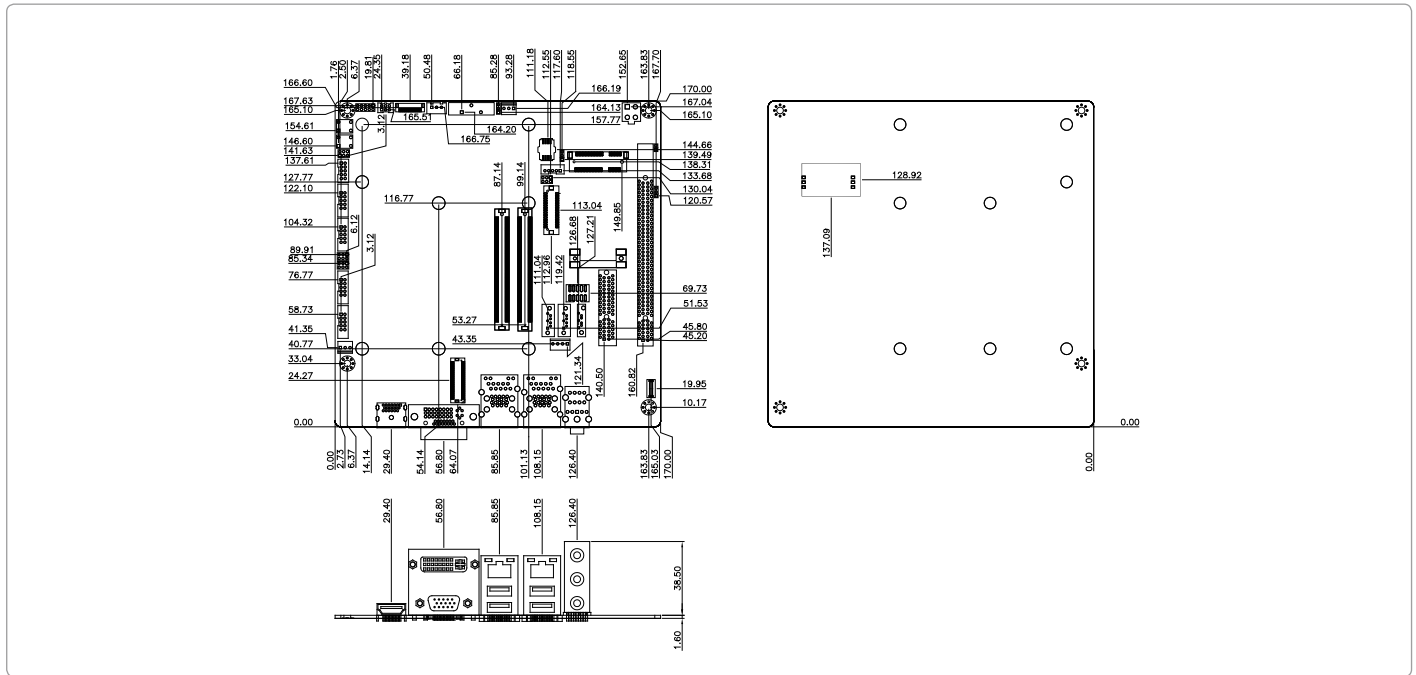
Packing List

- TBD

ECB-917T

Dimension

Unit: mm



Ordering Information

- **TF-ECB-917T-A10**
COM Express Type 6 Carrier Board, Mini-ITX, Dual Gigabit Ethernet, 4 COM, USB3.0, PCI-Express, AT/ATX, Rev. A1.0
- **TF-ECB-917T-A10-01**
COM Express Type 10 Carrier Board, Mini-ITX, Gigabit Ethernet, 4 COM, USB2.0, PCI-Express, AT/ATX, Rev. A1.0

| | TF-ECB-917T-A10 | TF-ECB-917T-A10-01 |
|------------|-----------------|--------------------|
| COMe Type | Type 6 | Type 10 |
| PCI-E[x16] | 1 | — |
| PCI-E[x4] | 1 | 1 |
| VGA | 1 | — |
| DVI | 1 | — |
| LVDS | 1 | 1 |
| SDVO | — | 1 |
| LAN | 2 | 1 |
| mSATA | 1 | — |
| SATA 2 | 1 | 1 |
| SATA 3 | 2 | — |
| Serial | 4 | 4 |
| USB 3.0 | 4 | — |
| USB2.0 | 4 | 4 |

Optional Accessories

- TBD