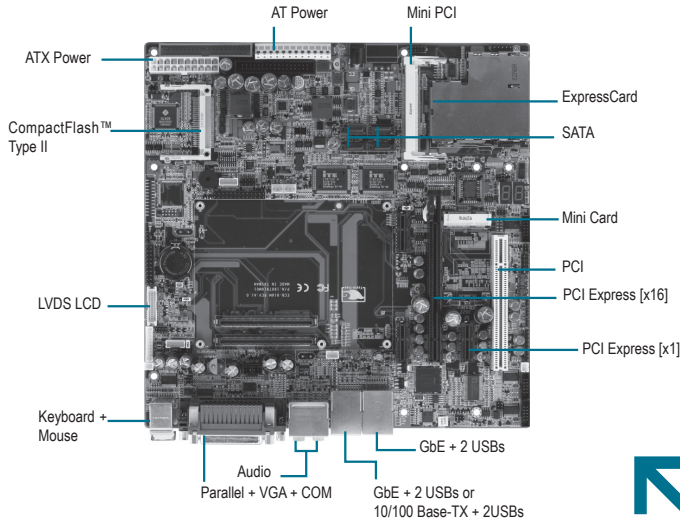


# ECB-916M

## COM Express Carrier Board

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COM Express CPU Modules - Carrier Board



### Features

- Supports COM Express Module Pin-out Type III/II
- RJ-45 x 2, Supports Gigabit Ethernet
- VGA, LVDS, TV-out Connector
- 7.1 Channel Audio
- PATA Connector x 1, SATA Port x 4, CompactFlash™ Type II Slot x 1
- USB Port x 4, COM Port x 4
- 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



### Specifications

System	
Form Factor	MicroATX
I/O Chipset	ITE IT8712 x 2
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
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
TV-out	8-pin (4x2) box header For Composite Video, S-Video and Component Video (YPbPr)
I/O	
Storage	PATA connector x 1 SATA port x 4 CompactFlash™ Type II slot x 1 Floppy Disk Drive connector x 1
Serial Port	RS-232 port x 3 (9-pin D-Sub connector x 1 + 10-pin (5x2) box header x 2) RS-232/422/485 port x 1 (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
IrDA	Tx/Rx header x 1

### 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
- **Quick Installation Guide**
- **ECB-916M**

### Ordering Information

- **TF-ECB-916M-A10**  
COM Express Carrier Board, microATX, 10/100Base-TX + Gigabit Ethernet, 7.1CH Audio, 4COM, USB, PCI-Express, AT/ATX, Rev.A1.0
- **TF-ECB-916M-A10-01**  
COM Express Carrier Board, microATX, Dual Gigabit Ethernet, 7.1CH Audio, 4COM, USB, PCI-Express, AT/ATX, Rev.A1.0
- **TF-ECB-916M-A10-02**  
COM Express Carrier Board, microATX, Dual Gigabit Ethernet, 7.1CH Audio, 4COM, USB, PCI-Express, AT/ATX, 6th Standoff, Rev.A1.0