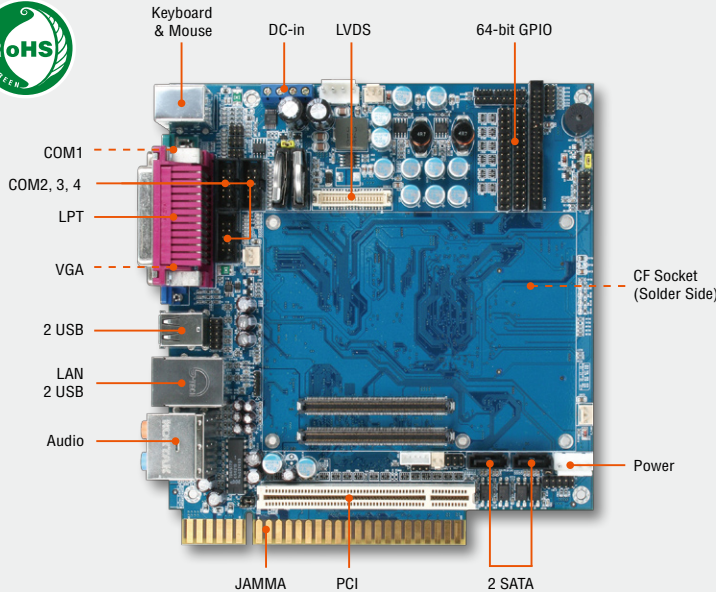




# EAP-CE95

## Mini-ITX COM Express Carrier Board with JAMMA Standard Interface



### Features

- Mini-ITX Form Factor
- Accept Avalue COM Express Modules & Other COM Express CPU Modules
- Two 512KB Battery Backup SRAM
- Security IC Protection
- VGA/ LVDS/ Audio Interface
- 1 CF, 1 PCI, 2 SATA, 6 USB, 4 COM, 64-bit GPIO, 8-bit Isolated DIO
- JAMMA Standard Interface



### Specifications

#### System

• <b>Form Factor</b>	Mini-ITX Form Factor
• <b>I/O Chip</b>	Winbond W83627HG-AW
• <b>SRAM</b>	Battery Backup with Dual 512KB SRAM Chips
• <b>SSD</b>	One CompactFlash Type I/II Socket
• <b>Expansion</b>	1 x PCI
• <b>Security Chip</b>	Microchip HCS3000

#### I/O

• <b>MIO</b>	1 x EIDE (CF Master/ Slave Set by Jumper), 2 x SATA, 1 x LPT, 3 x RS-232, 1 x RS-232/ 422/ 485, 1 x K/B, 1 x Mouse
• <b>IrDA</b>	5 x 1 Header, Pitch 2.54mm
• <b>USB</b>	6 x USB 2.0 (2 Double Deck USB Supports 4 USB. One 5 x 2 Header Supports Additional 2 USB)
• <b>DIO</b>	DI/ DO Connector: Two 16 x 2 Header, Pitch 2.54mm, Isolated DIO Connector: One 5 x 2 Header, Pitch 2.54mm

#### Audio

• <b>Audio Codec</b>	Realtek ALC883
• <b>Audio Interface</b>	Line-in, Mic-in, Line-out
• <b>Amplifier</b>	NXP TDA1517 6W

#### Connectors

• <b>External Connector</b>	1 x Mouse, 1 x KB, 1 x LPT, 4 x COM, 1 x VGA, 4 x USB, 1 x RJ-45, 1 x Audio Jack (6-Ports)
• <b>LVDS Connector</b>	One HIROSE DF13-40DP-1.25V
• <b>Fan Connector</b>	3 x 1 Header, Pitch 2.54mm
• <b>Power Output</b>	4P (+5V, +12V, GND)
• <b>Other Interface</b>	JAMMA

#### Mechanical & Environmental

• <b>Power Type</b>	AT/ ATX
• <b>Operating Temperature</b>	0 ~ 60°C (32 ~ 140°F)
• <b>Storage Temperature</b>	-40 ~ 75°C (-40 ~ 167°F)
• <b>Operating Humidity</b>	0%-90% Relative Humidity, Non-condensing
• <b>Size (L x W)</b>	6.7" x 6.7" (170mm x 170mm)
• <b>Weight</b>	1.10lbs (0.5kg)

### Supported COM Express CPU Modules

- **ESM-QM57**  
Intel® Core™ i7-620LE/ 620UE/ Celeron® M P4505 COM Express Module with Intel® QM57 Chipset
- **ESM-GM45**  
Intel® Core™ 2 Duo/ Celeron® CPU COM Express Module with Intel® GM45 + ICH9-M Chipset
- **ESM-945GSE**  
Intel® Atom™ N270 COM Express Module with Intel® 945GSE + ICH7-M Chipset
- **ESM-910**  
Intel® Celeron® M COM Express Module with Intel® 910GMLE + ICH6-M Chipset
- **ESM-GME965**  
Intel® Core™ 2 Duo COM Express Module with Intel® GME965 + ICH8-M Chipset
- **ESM-945GME**  
Intel® Core™ 2 Duo/ Core™ Duo/ Celeron® M COM Express Module with Intel® 945GME + ICH7-M Chipset

### Ordering Information

- **EAP-CE95**  
Mini-ITX COM Express Carrier Board
- **ACC-CF-XX**  
CompactFlash Card Series (xx = Capacity, Capacity Option: 128, 256, 512MB, 1, 2, 4, 8GB)