

## AEC-6810 Fanless Embedded Control PC with VIA Eden 667MHz CPU



- Fanless design with VIA Eden 667MHz processor
- WinCE.net/CFD/optional HDD kit
- Ethernet/4 COM/4 USB/TV out/audio
- Operating temperature: -15~60°C
- Anti-vibration up to 5grms/anti-shock up to 100g
- DIN Rail or wall mount design for simple installation

The AEC-6810 Embedded Control PC is the smallest, highest-performance, multi-functions model among the all products in the current market with same level and orientation. The tough vibration test has been certificated. Beside, the anti-vibration HDD device can be applied in the machine with high vibration frequency.

CPU	VIA Eden 667MHz mobile CPU
System Memory	144-pin SDRAM SODIMM x 1, max. 512MB (PC 66/100/133MHz)
VGA/Keyboard/Mouse	DB-15 VGA connector, PS/2 keyboard & mouse
Ethernet	10/100Base-TX RJ-45 connector x 1
SSD	Type II CompactFlash™ slot x 1
Hard Disk Storage	Optional 2.5" slim HDD module
Serial Port	3 x RS-232, 1 x RS-232/422/485
Audio	Mic-in/Line-in/Line-out requires extension cable
USB	4 USB 1.1 ports
TV-out	S-video and RCA output
Watchdog Timer	Generates a time-out system reset, setting via software
Power Supply	1. DC Input - Internal DC-DC converter (standard) Output rating: 30W Input voltage: 9VDC~30VDC Output voltage: +5V@6A
	2. AC Input - External power adapter (optional) Output rating: 60W Input voltage: 100VAC~240VAC@50~60Hz Output voltage: +12V@5A
System Control	Power on/off switch x 1 Reset button x 1
Indicator	Power LED x 1 HDD active LED x 1
Construction	Rugged aluminum alloy chassis
Color	Dark blue
Mounting	Wall-mount (default), DIN Rail
Dimension	8.35" (W) x 2.53" (H) x 4.21" (D) (212.15mm x 64.2 mm x 107mm)
Net Weight	4.75lb (2.16Kg)
Gross Weight	8.36lb (3.8Kg)
Operating Temperature	5°F~140°F (-15°C~60°C) (CFD)
	32°F~122°F (0°C~50°C) (HDD)
Operating Humidity	5~95%@40°C, non-condensing
Vibration	5grms/5~500Hz/random operation (CFD)
	1grms/5~500Hz/random operation (HDD)
Shock	100g peak acceleration (6msec. duration)
EMC	CE/FCC class A
Software	Windows CE .net 4.2, Windows XP Embedded, Windows XP/2000

### Ordering Information

AEC-6810-A1	Fanless embedded control PC with VIA Eden 667MHz CPU
AEC-6810-A2	Fanless embedded control PC with VIA C3 1GHz CPU
AEC-6810-E1	Fanless embedded control PC with VIA Eden 667MHz CPU, 128MB RAM, 64MB CFD.CE4.2
AEC-6810-E2	Fanless embedded control PC with VIA Eden 667MHz CPU, 128MB RAM, 128MB CFD.CE4.2
AEC-6810-E3	Fanless embedded control PC with VIA Eden 667MHz CPU, 128MB RAM, 128MB CFD.QNX6.3
OS-CE-420-6810	WinCE .net 4.2 with SDK for AEC-6810

AEC-6810

Fanless Embedded Controller