

eBOX746-EFL

Fanless & Extended Temperature Embedded System with VIA Processor up to 1GHz



Front view



Rear view

Specifications

Standard Color	Silver
Construction	Aluminum die-casting and heavy-duty steel
CPU	VIA Eden 400/677/1G processor
System Board	SBC84600VE
System Memory	256MB SDRAM SODIMM (512MB SODIMM optional)
System I/O Outlet	3 x 9-pin D-Sub Male connector, COM1, 3, 4 for RS232 1 x 9-pin D-Sub Male connector, COM2 for RS485/422/232 1 x 15-pin D-Sub female connector for VGA 1 x PS/2 connector for K/B and M/S through Y-Type cable 1 x RJ45 connector for 10/100Base-T Ethernet 1 x USB connector 1 x 25-pin D-Sub Female connector for LPT 1 x V _{AC} 100-240 Power input connector
Watchdog Timer	0.5-1600 sec with 64 levels; system reset or NMI
Expansion Slot	1 x 2.5" HDD drive bay 1 x type II CompactFlash™ slot
System Indicator	1 x green LED for system power-on 1 x yellow LED for HDD active
Power Supply	Input rating: 1. V _{AC} 100-240 universal/0.5Amp 2. V _{DC} 12V/8Amp, V _{DC} 24V/4Amp., V _{DC} 48V/2Amp Output rating: 70W Output voltage: +5V _{DC} @10A, +12V _{DC} @1.2A, -12V _{DC} @0.3A
Operating temperature	-20°C to 50°C (w/ W.T. CF, AC P/S) -20°C to 50°C(w/ W.T. HDD, AC P/S)
Storage temperature	-20°C to 80°C
Humidity	10-90% RH (no condensation)
Vibration endurance	2Grms w/ CF (5-500Hz, X, Y, Z directions) 0.5Grms w/ HDD (5-500Hz, X, Y, Z directions)
Weight	2.65kg (w/o HDD)
Certification	CE, FCC
Dimensions	225mm (8.86") (W) x 225mm (8.86") (D) x 63mm (2.48") (H)
EOS Support	XPE, WinCE, Linux

*W.T.: Wide Temperature. All W.T. supported products have to be sorted by AXIOMTEK.

**XPE: Windows® XP Embedded



Features



- ▶ Fanless operation
- ▶ Onboard ULP VIA Eden processor
- ▶ High performance with extremely low power
- ▶ Full feature I/O
- ▶ Supports CompactFlash™ II
- ▶ One 2.5" HDD drive bay
- ▶ Watchdog Timer
- ▶ 70 watt AC-in or DC-in power supply
- ▶ Wall mount (DIN rail bracket optional)

Ordering Information

Standard	
eBOX746-EFL400 AC	With VIA Eden 400MHz processor, 256MB SDRAM SODIMM, AC-in 70W
eBOX746-EFL667 AC	With VIA Eden 667MHz processor, 256MB SDRAM SODIMM, AC-in 70W
eBOX746-EFL1G AC	With VIA Eden 1GHz processor, 256MB SDRAM SODIMM, AC-in 70W
eBOX746-EFL400 DC	With VIA Eden 400MHz processor, 256MB SDRAM SODIMM, 24V _{DC} -in 70W
eBOX746-EFL667 DC	With VIA Eden 667MHz processor, 256MB SDRAM SODIMM, 24V _{DC} -in 70W
eBOX746-EFL1G DC	With VIA Eden 1GHz Processor, 256MB SDRAM SODIMM, 24V _{DC} -in 70W
Optional	
CompactFlash™	32M, 64M, 128M, 256M, 512M
2.5" HDD	20G, 40G
Power Supply	12V _{DC} -in 70W, 48V _{DC} -in 70W
SDRAM SODIMM	512M
DIN Rail Kit	DRP-02

Dimensions

