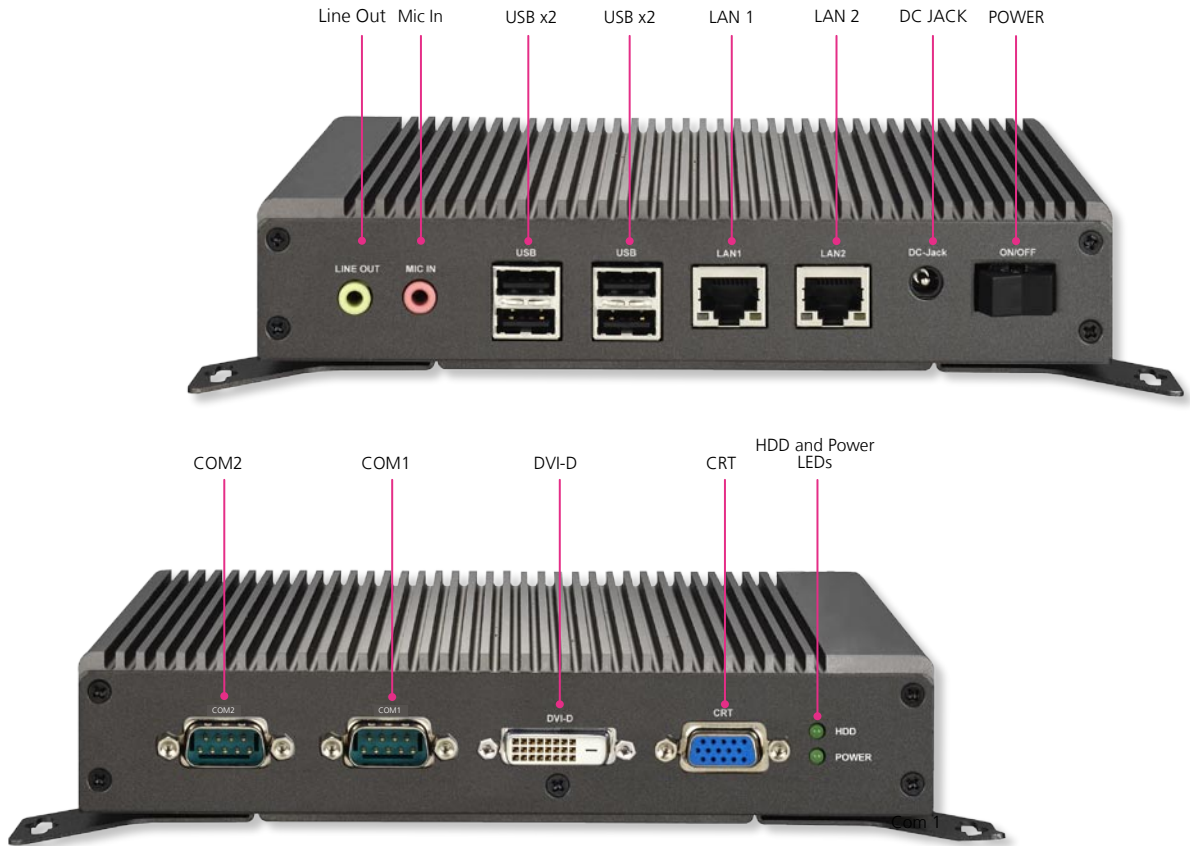


LUGE: EM-F346

Fanless AMD K8 embedded system with ATI X1250 graphics, DVI-D, Dual LAN, USB, COM and CompactFlash or SATA HDD support

- X1250
- DVI-D
- LAN x 2
- USB
- CF
- SATA
- COM



FEATURES

- ATI X1250 graphics
- Fanless dustproof enclosure
- Slim 36mm case with heat dispersing fins
- -20°C to 50°C operating temperature
- AMD K8 1.0 GHz CPU
- Supports up to 1GB DDR2 memory
- Dual Display (CRT+DVI-D)
- Dual 10/100/1000 Mbps LAN
- USB x 4, COM x 2
- Optional wall or VESA mounting brackets

ADVANCED GRAPHICS FOR VIDEO DISPLAY APPLICATIONS

The EM-F346 is the ideal platform for graphic-intensive and multi-display digital video solutions. Its dustproof fanless design and extended temperature range make the EM-F346 suitable for outdoor installation in video products such as digital signs, outdoor advertising and kiosk systems.



The onboard AMD K8 CPU and ATI X1250 graphics processor provide solid performance with minimal power and cooling requirements, resulting in improved stability and longevity, and providing a higher return on investment.

To provide even more flexibility, the case is built of tough aluminum with heat dispersing fins to whisk away heat from the processor and allow the system to operate in harsh environments - from -20°C to 50°C. Whether you need a machine for digital signage, ATM, POS, or a factory controller, the EM-F346 is built for the task.



FEATURE DESCRIPTION

Platform	Processor	AMD K8 BGA 1.0 GHz CPU
	Chipset	AMD M690E + SB600
	FSB	400MHz
	Cache	128KB L1, 512KB L2
	BIOS	AMIBIOS with 8Mbit FWH
System Memory	Technology	DDR2 400/533 SDRAM
	Maximum Capacity	1GB
	Socket	200P SODIMM x1
Graphics		ATI X1250 GPU
		2048 x 1536 max. resolution
Storage Interface	CompactFlash I/II Port	1
	SATA Port	1
Networking	LAN Ports	2
	Speed	10/100/1000 Mbps
Audio	Codec	ALC888 HD Codec
	COM	2 (RS-232/422/485)
Front IO	VGA	D-Sub 15 pin x 1
	DVI-D	1
	LED	Power, HDD
	DC-In jack	1
Rear IO	USB 2.0	4
	LAN	RJ45 x 2
	Audio	Line Out, Mic In
	Power Switch	1
Expansion		Mini-PCI socket for Mini-PCI Wireless Module (optional)
Hardware Monitoring	Controller	Winbond 83627UHG Super I/O Controller
	Watchdog timer	255 level software programmable watchdog timer
OS Supported		Embedded Windows XP/ Embedded Windows CE/Linux/ WindowsXP
Environmental Parameters	Temperature, ambient operating	-20°~50°C (with industrial componenets - CF card, memory, power adapter) 0°~40°C (with 2.5" SATA HDD)
	Humidity (RH), ambient operating	5~95% relative humidity, non-condensing
	Storage Temperature	-20°~70°C (-4°~158°F)
	Shock	CFD: 100g peak acceleration (6 msec duration)
Physical Dimensions	Dimensions	145D x 190W x 36H mm
	Weight	1.07Kg
Power	Input	DC +12V, 60W

ORDERING INFORMATION

EM-F346	Fanless embedded system with AMD K8 1.0 GHz CPU, CF socket, 2.5" HDD support
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DIMENSIONS

