

LUGE: EM-F343

Fanless Intel Celeron M 600MHz / 1GHz embedded system with VGA, S-Video, LAN, USB, Audio, COM and CF support

VGA

AUDIO

LAN

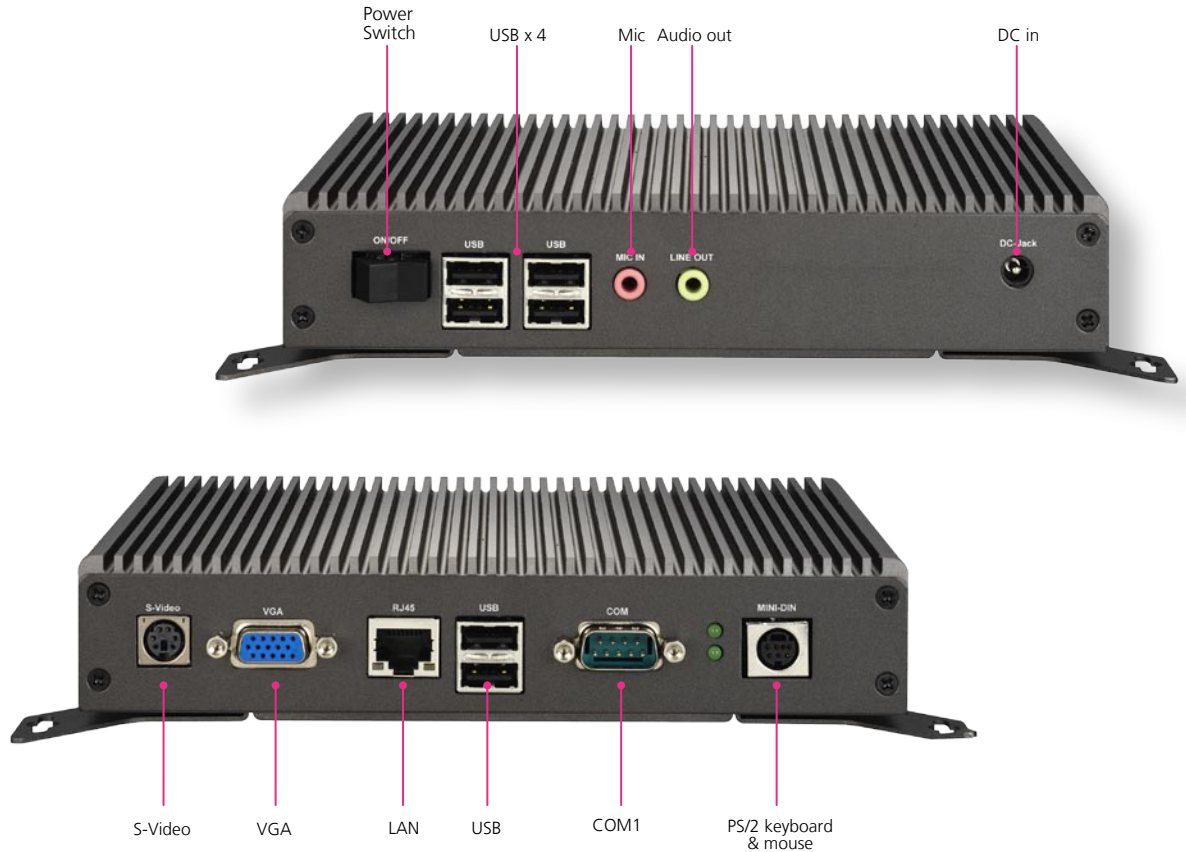
USB

CF

COM

S-Video

DC in



FEATURES

- Robust fanless enclosure
- Slim 36mm case with heat dispersing fins
- -20°C to 50°C operating temperature
- Intel Celeron M 600MHz or 1GHz onboard CPU
- Supports up to 1GB DDR2 memory
- VGA and S-Video dual display
- Gigabit Ethernet
- USB x 6, COM, Audio
- CompactFlash Type I/II
- Wall or VESA mounting brackets

FLEXIBLE MOUNTING AND DEPLOYMENT OPTIONS

EM-F343 is designed for flexible deployment in any scenario. The EM-F343 offers wall mounts and optional industry standard VESA 100 x 100mm support to allow for easy installation in almost any situation.



To provide even more flexibility, the case has been built of tough aluminum. The top of the case features heat dispersing fins to whisk away heat from the processor and allows 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-F343 is built for the task.



FEATURE DESCRIPTION

Platform	Processor	Onboard Intel Celeron M 600MHz, 512KB L2 cache
	Chipset	Onboard Intel Celeron M 1GHz, no L2 cache
	BIOS	Intel 910GML + ICH6M
System Memory	Technology	AMI BIOS
	Maximum Capacity	DDR2 SDRAM
	Socket	1GB
Storage Interface	CompactFlash I/II socket	200P SODIMM x1
	2.5" hard drive bay	1
Networking	Speed	10/100/1000 Mbps
Display	Controller	Intel 910GML built-in Intel extreme Graphics
Audio	Codec	ALC203A AC97 Codec
	Serial	RS-232 x1
Front I/O	USB 2.0	2
	VGA	1
	S-Video	7 pin connector for YPBPR
	LAN	RJ45 x 1
	Keyboard & Mouse	Mini-DIN PS/2
Back IO	Power switch	1
	USB 2.0	4
	Mic In	Audio jack x 1
	Audio out	Audio jack x 1
	CompactFlash	1
	DC-in	Power jack x 1
Expansion		Mini-PCI socket for optional Mini-PCI devices
Hardware Monitoring	Controller	Winbond W83627 THG integrated Hardware monitor
	Watchdog timer	256 level software programmable watchdog timer
OS Supported		Linux kernel 2.4.16 or above, Win XP Embedded, Win CE 5.0, Win XP 32-bit
Environmental Parameters	Temperature, ambient operating	-20~50°C (with industrial components - CF/memory/ adapter) 0~35°C (with 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	140D x 190W x 36H mm
	Weight	1.07Kg
Power	Input	DC +12V, 60W
Compliance		CE, FCC, RoHS

ORDERING INFORMATION

EM-F343A	Fanless embedded system with Intel Celeron M 600MHz Processor, CF Socket support, 2.5" HDD support
EM-F343B	Fanless embedded system with Intel Celeron M 1GHz Processor, CF Socket support, 2.5" HDD support

DIMENSIONS

