

LUGE: EM-F343

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

VGA

AUDIO

LAN

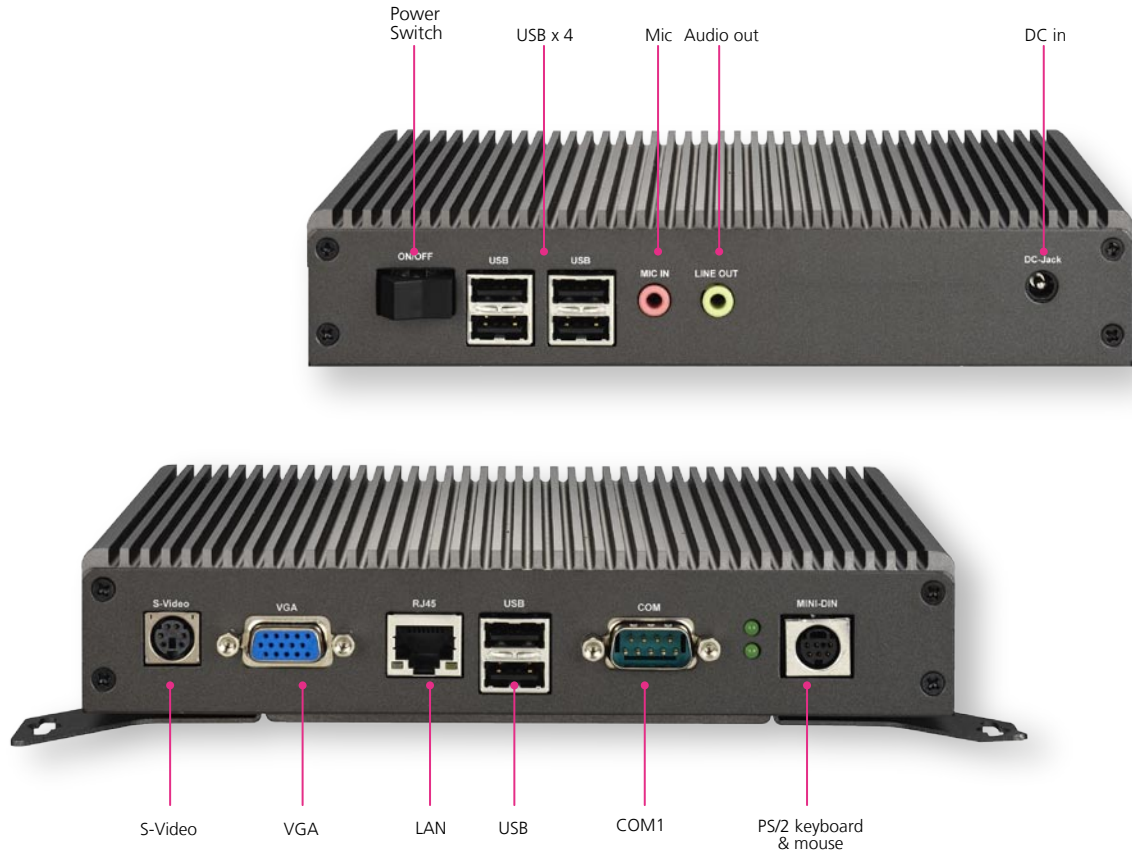
USB

CF

COM

S-Video

DC in



FEATURES

- Robust fanless enclosure
- Slim 36mm case with heat dispersing fins
- -40°C to 50°C operating temperature
- Intel Celeron M 600MHz or 1GHz onboard CPU
- Supports up to 1GB DDR2 memory
- VGA and S-Video out, supports dual display
- Gigabit Ethernet
- USB x 6, COM, Mic in, Line out
- CompactFlash Type I/II
- Optional Wall, VESA, DIN or Rack 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, Lanner's engineers have built the case 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.

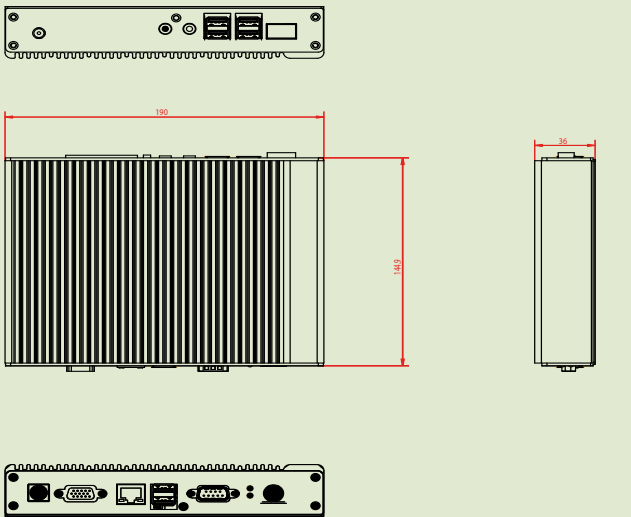
FEATURE DESCRIPTION

Platform	Processor	Onboard Intel Celeron M 600MHz, 512KB L2 cache
	Chipset	Onboard Intel Celeron M 1GHz, no L2 cache
	BIOS	Intel 910GML E + ICH6M
System Memory	Technology	AMI BIOS with 8Mbit BIOS flash
	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 GMA900
Audio	Codec	ALC203A AC97 Codec
	Serial	RS-232 x1
Front I/O	USB 2.0	2
	VGA	1 (Max. Res. 2048 x 1536)
	S-Video	7 pin connector for YPBPR (Max Res. 1600 x 1200)
	LAN	RJ45 x 1
	Keyboard & Mouse	7 pin 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
Expansion	DC-in	Power jack x 1
Hardware Monitoring	Controller	Mini-PCI socket
	Watchdog timer	Winbond W83627 THG integrated Hardware monitor
OS Supported	Temperature, ambient operating	yes, (255 levels, 0 ~ 255 Sec)
	Humidity (RH), ambient operating	Linux kernel 2.4.16 or above, Win XP Embedded, Win CE 5.0, Win XP 32-bit
Environmental Parameters	Storage Temperature	-40~50°C (with industrial components - CF/memory/ adapter)
		0~35°C (with HDD)
		5~95% relative humidity, non-condensing
Mounting	Dimensions	-20~70°C (-4~158°F)
		Wall mount kit (optional)
		VESA mount kit (optional)
		DIN-RAIL kit (optional)
Physical Dimensions	Weight	Rack mount kit (optional)
		140D x 190W x 36H mm
Power	Input	1.07Kg
	Power Adapter	DC +12V (AT Mode)
Compliance		60W, 100 ~ 240 VAC
		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



About Lanner

Founded in 1986 and publicly listed (TAIEX 6245) since 2003, Lanner Electronics Inc. is an ISO 9001 certified designer and manufacturer of reliable, frontline security, storage and applied computing platforms and solutions. With headquarters in Taipei, Taiwan and branches in the U.S. and China, Lanner is uniquely positioned to deliver custom technical solutions with localized, value-added service.

Contact information
 Lanner Electronics Inc
 7F, 173, Section 2 Datong road
 Sijhih City, Taipei County 221, Taiwan
T +886 2 86926060
F +886 2 86926101
E sales@lannerinc.com
W www.lannerinc.com