

EM-S300A

Intel® ULV Celeron® Mini Workstation with VGA/ Audio/ CF/ USB

VGA

LAN

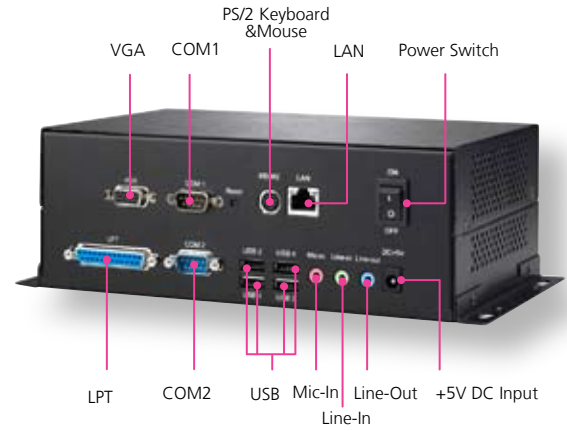
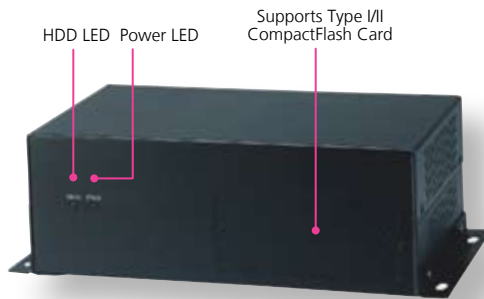
AUDIO

USB

CF

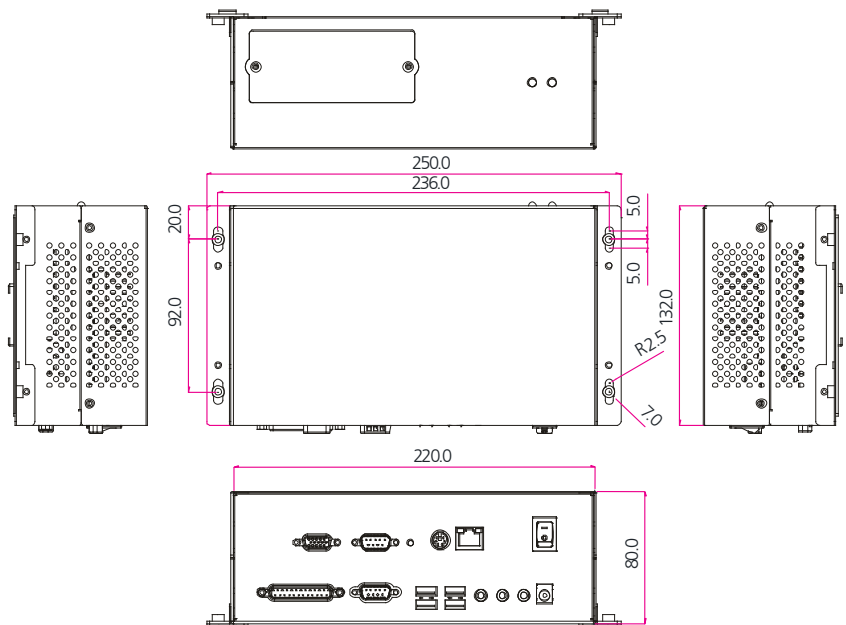
COM

LPT



FEATURES

- Wall mountable mini workstation
- Rugged construction for harsh industrial environments
- Includes EM-354, a full function of embedded SBC
- 2xCOMs / 1xParallel / 4xUSBs
- Type I/II CompactFlash socket
- 1xVGA / 1xLAN / Audio
- One 2.5" H.D.D bay



FEATURE

DESCRIPTION

	Form Factor	Embedded System	
Platform	Processor	Onboard Intel ULV Celeron 400MHz Fan-less or 650MHz	
	Chipset	VIA VT6806 / 82C686B	
	BIOS	Award Flash BIOS	
	Cache Memory	Processor Built-in	
		Technology	SDRAM
System Memory	Max Capacity	512MB	
	Socket	144-pin SO-DIMM x1	
		IDE Interface	2.5" drive bay x1
Storage Interface	SSD (CF Socket)	CompactFlash III x1	
		Speed	10/100Mbit
Networking	I/O	RJ45 x 1	
	Controller	RealTek RTL8100B	
		Controller	VIA VT8606 integrated S3 ProSavage
Display	Shared memory	8/16/32MB	
	Output	DB-15 VGA connector and TFT / DSTN LCD	
		Codec	AC'97 Codec
Audio	I/O	Mic-in, Line-in, Line-out	
		Serial Port	RS-232 x1, RS-232/422/485 x1
I/O Interface		Parallel Port	1
		Universal Serial Bus	4 (USB 1.1)
		Keyboard	PS/2 keyboard
		Mouse	Shared with PS/2 Keyboard connector
		Controller	VIA VT82C686B integrated Hardware monitor function
Hardware Monitoring	RTC	VIA VT82C686B Integrated RTC within Li-Battery	
	Watchdog timer	16-level time-out intervals	
		Cooling	Fanless
Expansion		PC/104 x1	
Environmental Parameters	Temperature, ambient operating	0~40°C (32~104°F)	
	Humidity (RH), ambient operating	5~95% relative humidity, non-condensing	
	Storage Temperature	-20~70°C (-4~158°F)	
Physical Dimensions	Dimensions	220 x 132 x 80 mm (8.66" x 5.2 x 3.15")	
		Input	Power Adapter +5V Input
Power		Consumption	Typical: 2.24A @ +5V 256MB/PC133, 400MHz CPU 2.62A @ +5V 256MB/PC133, 650MHz CPU
	Compliance		CE, FCC, RoHS

ORDERING INFORMATION

EM-S300A	Embedded System with EM-354A (Intel ULV 400MHz Fanless CPU) EBC, 20Watt Power Adapter
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