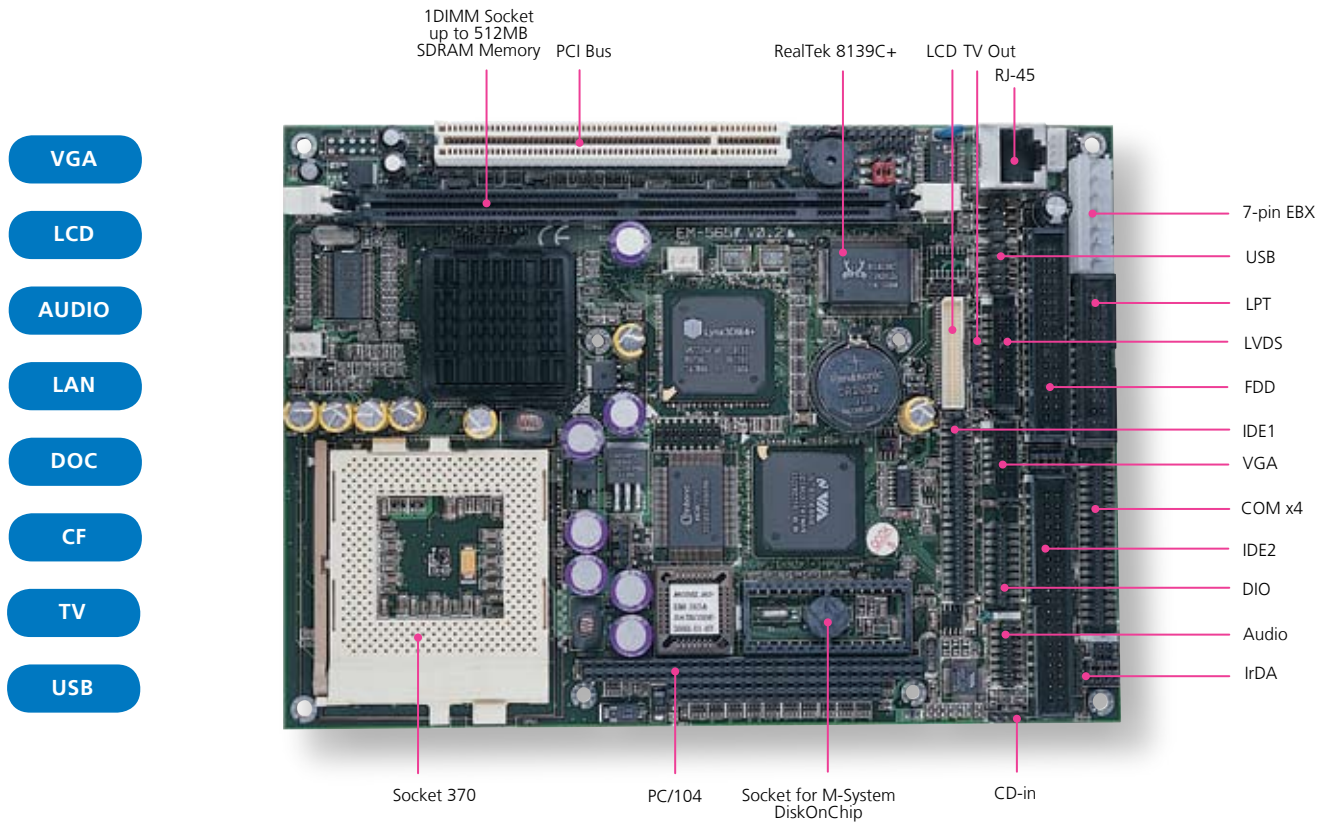


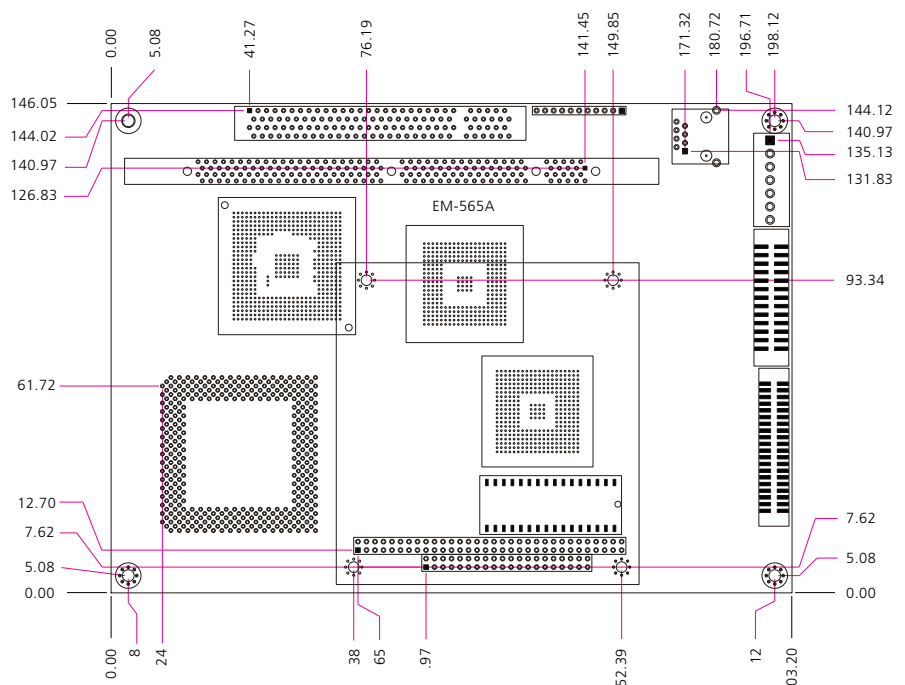
EM-565

5.25" Socket 370 Pentium III EBC with VGA/LCD/Audio/LAN/DOC/CF/TV



FEATURES

- Supports Intel Pentium III/Celeron and VIA C3 processor
- 36-bit TFT & 24 bits LVDS support
- Dual LCD display
- NTSC/PAL TV output
- 10/100M Base-T Ethernet & AC'97 audio
- Type I / II CompactFlash Socket
- 4 COMs / 1 parallel / 2 USBs / 1 IrDA
- PC/104 & PCI expansion



FEATURE	DESCRIPTION	
Platform	Form Factor	5.25" EBC
	Processor	Intel Celeron / Pentium III (Tualatin) & VIA C3 CPUs, socket 370
	Chipset	VIA VT82C694T / VT82C686B
	BIOS	AMI BIOS
	Cache Memory	Processor Built-in
System Memory	Technology	SDRAM
	Max Capacity	512MB
	Socket	184-pin DIMM x1
Storage Interface	IDE Interface	IDE x2
	SSD (CF Socket)	CompactFlash I/II x1
	DOC	DOC socket x1, supports M-system DickonChip 2000 Flash memory module
Networking	Speed	10/100 Mbps
	I/O	RJ45 x 1
	Controller	Realtek 8139C+
Display	Controller	Lynx3DM4+2D/3D Graphics Engine
	Output	CRT ,LVDS
Audio	Codec	AC'97 Codec
	I/O	Mic-in, Line-in, Line-out, Speaker-out
I/O Interface	Floppy Drive Interface	FDD header x 1
	Serial Port	RS-232 x3, RS-232/422/485 x1
	Parallel Port	1
	Universal Serial Bus	2 (v1.1)
	Digital I/O	8-bit input, 8-bit output
	Bus interface	PC/104, PCI
	IR Interface	115k bps, IrDA 1.0 compliant
	Keyboard	PS/2
	Mouse	Shared with keyboard connector
Hardware Monitoring	Controller	VIA VT82C686B integrated Hardware monitor
	RTC	VIA VT82C686B Integrated RTC within Li-Battery
	Watchdog timer	15-level time-out intervals
Cooling	Heatsink & Fan	
Expansion	PC/104 x1 and PCI slot x1	
Environmental Parameters	Temperature, ambient operating	0~60°C (32~140°F)
	Humidity (RH), ambient operating	5~95% relative humidity, non-condensing
	Storage Temperature	-20~70°C (-4~158°F)
Physical Dimensions	Dimensions	203 x 146 mm (8" x 5.75")
	Input	DC +5V/+12V
Power	Form Factor	ATX support
	Consumption	Typical: 6.72A@+5V (Intel Pentium III 850MHz / 128MB system memory)
Compliance	CE, FCC,RoHS	

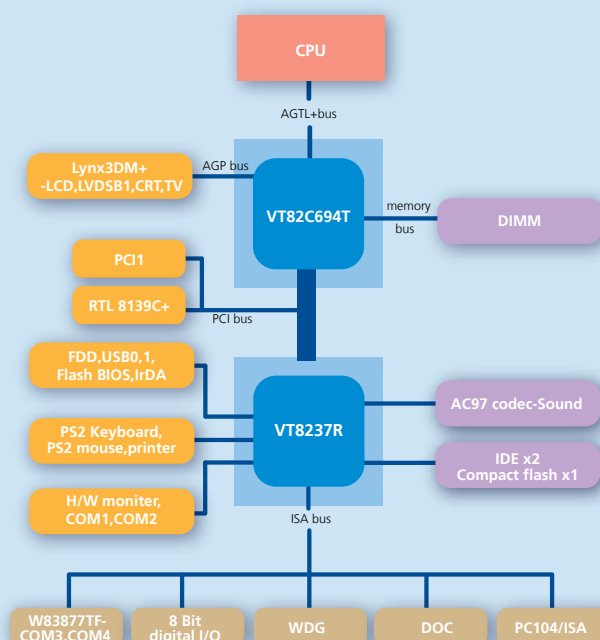
ORDERING INFORMATION

EM-565A 5.25" Socket 370 PIII SBC with VGA/LCD/LAN/Audio

OPTIONAL ACCESSORIES EM-565CB

ITEM	DESCRIPTION	PART NUMBER
IDE cable	IDE 40P x 2 to 44P P20 key	080019D440001
USB cable	USB Y cable 2 x 5P 2.54 300mm	800100100004
LPT cable	25P D-Sub to 26P P26 key	800100250001
F.D.D cable	FDC 34-34 Pin P4 key	800100340002
IDE cable	ATA100 40P IDE 80 Impedence	800100400004
VGA cable	VGA 12P to 15P 30CM	800219120001
EBX cable	EBX (7 Pin) to AT P8 / P9 (12 Pin)	800800120002
Power cable	20P ATX to 7P EBX + 4P Header x 2	080089D000001
KB/MS cable	Keyboard / Mouse Y cable 8P Header-PS2	801895080001
Audio cable	16P 2.0mm to 5P phone Jack x 4	080199D160003
TV cable	5P 2.54mm to RCA Jack + 4P mini DIN	080249D050001
COM cable	RS232 40P 2.0mm to 9P D-Sub male x 4	080279D400001
Spacer and Cap	Spacer and Cap for PC104 / Standoff 15mm	0703150151261

PLATFORM ARCHITECTURE



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., India, and China, Lanner is uniquely positioned to deliver custom technical solutions with localized, value-added service.

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