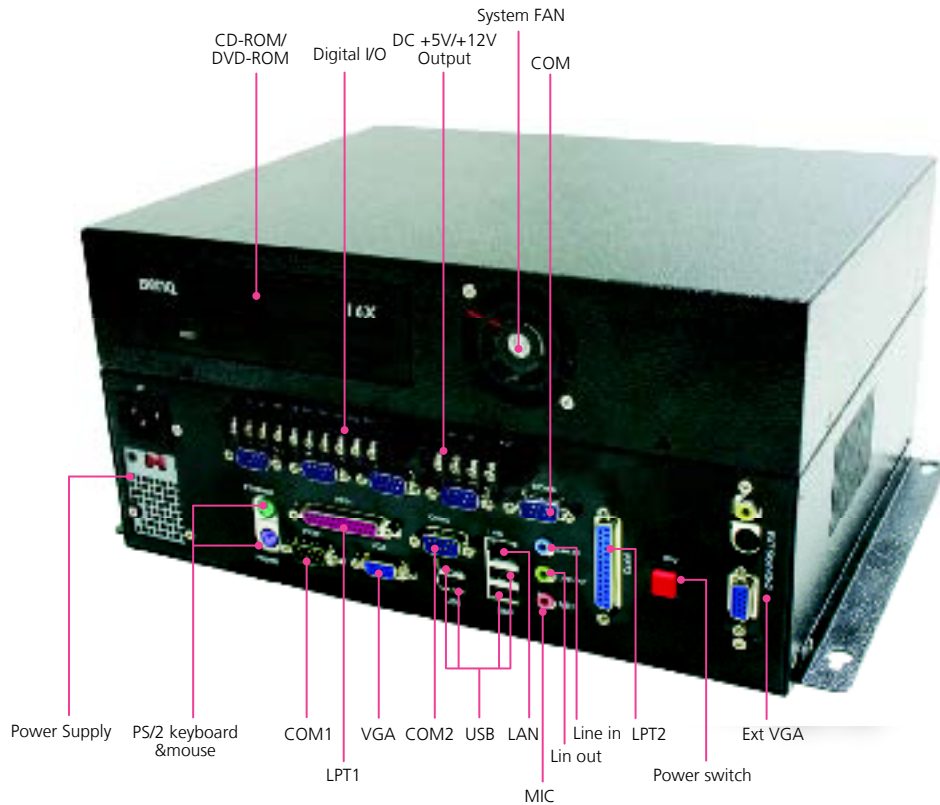


EM-S610X

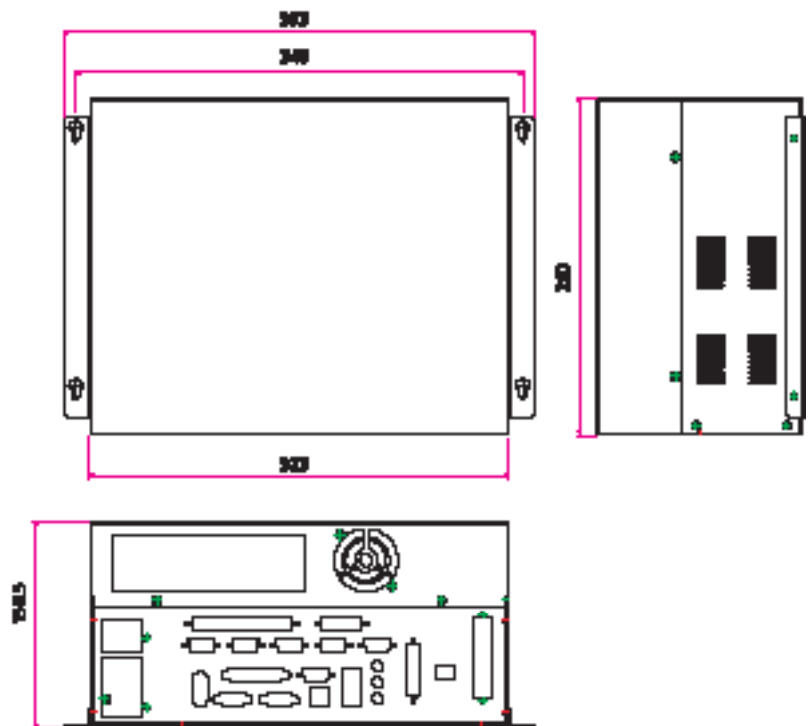
Pentium 4 Bare bone System with Dual VGA/LAN/Audio/6S/2P/3.5" Bay/CD-ROM

- VGA
- DVD-ROM
- AUDIO
- LAN
- USB
- CF
- COM
- LPT



FEATURES

- High Performance Intel Pentium 4 grade platform with CD-ROM/DVD-ROM
- Enriched multi-function I/O suitable for most applications
- +5/+12V DC output for powering integrated peripheral devices in a KIOSK or self-service device
- Dual Display for seperated HMI control and multi-media advertisement viewing
- Watchdog timer with 62-level timer intervals
- Automatic CPU adjustment via thermal-sensing BIOS to prevent overheating



FEATURE DESCRIPTION

Platform	Form Factor	Embedded System
	Processor	Intel Pentium 4 Northwood CPU up to 3.06GHz, socket 478
	Chipset	Intel 82845GV / ICH4
	BIOS	Award Flash BIOS
	Cache Memory	Processor Built-in
System Memory	Technology	DDR SDRAM
	Max Capacity	2GB
	Socket	184-Pin DIMM Socket x2
Storage Interface	IDE Interface	3.5" drive bay x1
	SSD (CF Socket)	CompactFlash III x1
	DOC	DOC socket x1, supports M-system DickonChip 2000 Flash memory module
Networking	Speed	10/100Mbit
	I/O	RJ45 x1
	Controller	Intel 82562ET
Display	Controller	Intel 845GV integrate AGP 4X VGA controller
	Shared memory	Direct Memory Execution model to use system memory
	Output	DB-15 VGA connector Option PCI VGA card and TV-Out
Audio	Codec	AC'97 Codec
	I/O	Mic-in, Line-in, Line-out
I/O Interface	Serial Port	RS-232 x1, RS-232/422/485 x1, extra 4 x RS-232 shared IRQ (COM3~6) on EM-S610XB & EM-S610XD
	Parallel Port	1 (extra one on EM-S610XB & EM-S610XD)
	Universal Serial Bus	4 (USB 2.0)
	Digital I/O	4-bit input and 4-bit output
	Bus interface	Embedded ATX
	Keyboard	PS/2 keyboard
	Mouse	Shared with PS/2 Keyboard connector
Hardware Monitoring	Controller	Winbond W83697UF integrated Hardware monitor function
	RTC	Intel 82801DB integrated RTC within Li-Battery
	Watchdog timer	62-level time-out intervals
Cooling		System fan x1
Expansion		PCI slot 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	323 x 160 x 260mm (12.7" x 6.3" x 10.2")
	Input	ATX 200 Watt Power Supply
Power	Consumption	Typically +5V @ 4.5A, +12V @ 2A (with Intel Pentium 4 3.06GHz 512MB DDR SDRAM)
	Compliance	CE, FCC

ORDERING INFORMATION

EM-S610XA	P4 Bare-bone system with 16X DVD-ROM, 2 Serial and 1 Parallel
EM-S610XB	P4 Bare-bone system with 16X DVD-ROM, 6 Serial and 2 Parallel
EM-S610XC	P4 Bare-bone system with 16X DVD-ROM, 2 Serial, 1 Parallel and Dual display (extra PCI VGA card)
EM-S610XD	EM-S610XD P4 Bare-bone system with 16X DVD-ROM, 6 Serial, 2 Parallel and Dual display (extra PCI VGA card)