

**Feature Highlights**

- √ Transmeta Crusoe™ 600MHz CPU embedded board
- √ Low power consumption CPU
- √ CRT and LCD panel display
- √ LAN controller for 10 Base-T/100 Base-TX Ethernet
- √ 128MB SDRAM on board
- √ Audio function on board
- √ PC/104 connector



Feature	Description
<b>Main Processor</b>	Transmeta Crusoe™ TM5400 600MHz CPU with 66 MHz FSB
<b>Main Memory</b>	128MB SDRAM on SO-DIMM socket
<b>BIOS</b>	AWARD® PnP Flash BIOS
<b>Chipset</b>	VIA® VT82C686A chipset supports 66MHz FSB
<b>Expansion Bus</b>	PC/104
<b>VGA</b>	C&T 69000 LCD/CRT VGA controller with 2MB RAM on chip, up to 1280 x 1024 (256 colors) resolution
<b>LAN</b>	Realtek® RTL8139C Ethernet controller with 10/100Mbps data transfer speed
<b>Audio</b>	AC'97 compliant Audio CODEC
<b>Hard Disk Interface</b>	One ATA –100 IDE channel (44-pin header)
<b>Floppy Disk Interface</b>	Support one floppy disk drive, which is compatible with 360K, 720K, 1.2MB, 1.44MB, 2.88MB
<b>Serial Port</b>	One RS-232 ports and one RS-232/422/485 port
<b>Parallel Port</b>	One bi-directional parallel port with SPP/ECP/EPP function
<b>RTC</b>	High precision real time clock with battery back up
<b>Watch Dog Timer</b>	Software programmable, support 1 ~ 255 sec. system reset
<b>Solid State Disk</b>	One Compactflash Type II socket (rear side)
<b>USB / IrDA / Digital I/O</b>	2 USB 1.1 headers, IrDA TX/RX headers for wireless communication
<b>Mouse/Keyboard Port</b>	6-pin mini DIN connector for PS/2 mouse and keyboard
<b>Physical Dimension</b>	5.79" (L) x 4" (W) (147mm x 102mm)
<b>Power Requirement</b>	+ 5V @ 1.7A with 128MB SDRAM
<b>Environment Information</b>	Operation: 0~60°C; Storage: -20~80°C; Operation humidity: 5~90% non-condensing

Ordering Guide	Model #	Item #	Description
	MiniSBC 620-600	EMBSBC620-600	3.5" Transmeta Crusoe™ 600MHz Based EmbSBC with VGA, LAN, Audio and cable set