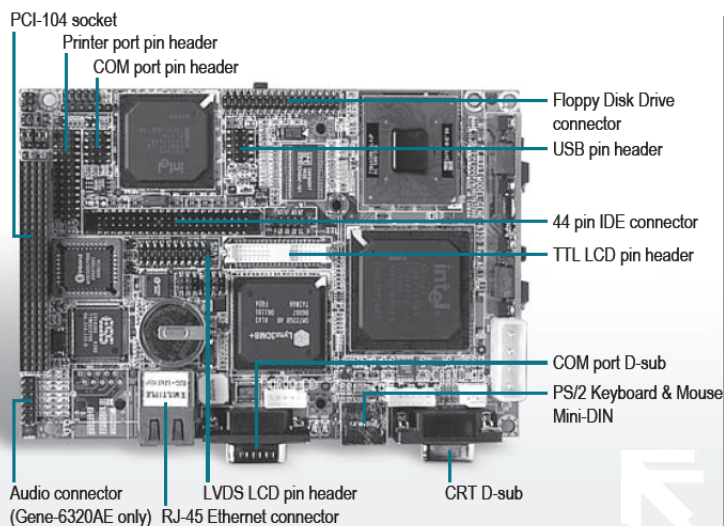


# GENE-6320

## Intel® Pentium® III Processor - Low Power and Celeron® Processor - Ultra Low Power

Note: All specifications are subject to change without notice.



### Features

- Onboard Intel® Pentium® III Processor - Low Power and Celeron® Processor - Ultra Low Power
- 24-bit TTL/LVDS TFT/LCD
- 10/100Mbps Fast Ethernet or Gigabit LAN (GENE-6320GE only)
- AC-97 High-quality Audio (GENE-6320AE only)
- Supports Type II CompactFlash™ Memory
- 2 COM / 2 USB Ports
- +5V Only Operation



### Specifications

System	
CPU	Onboard Intel® Pentium® III processor - Low Power (700MHz) or Intel® Celeron® processor - Ultra Low Power (300MHz)
System Memory	144-pin SDRAM SODIMM x 1, Max. 256MB (PC-66/100)
Chipset	Intel® 82443BX + Intel® 82371
I/O Chipset	Winbond W83977EF
Ethernet	Intel® 82559ER, 10/100Base-TX RJ-45 connector x 1 Intel® 82559ER + Intel® 82540EM, 10/100Base-TX RJ-45 connector x 1, 10/100/1000Base-T RJ-45 connector x 1 (GENE-6320GE only)
BIOS	AWARD 256KB FLASH ROM
Watchdog Timer	Generate a time-out system reset
H/W Status Monitoring	Supports power supply voltages and temperature monitoring
SSD	Type II CompactFlash™ slot x 1
Expansion Interface	PCI-104 socket x 1
Battery	Lithium battery
Power Requirement	+5V. AT/ATX
Board Size	5.75"(L) x 4"(W) (146mm x 101.6mm)
Gross Weight	0.88lb (0.4kg)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Display	
Chip	SMI SM722
Memory	Built-in 4MB or 8MB
Resolutions	up to 1280x1024@16bpp colors for CRT up to 1280x1024@16bpp colors for LCD
LCD Interface	up to 24-bit TTL/LVDS TFT/LCD
TV-out	Supports NTSC and PAL standard
I/O	
MIO	EIDE x 1(UDMA33 x 1), Floppy Disk Drive x 1, Keyboard+Mouse x 1, RS-232 x 1, RS-232/422/485 x 1, Parallel x 1
IrDA	One IrDA Tx/Rx header
Audio	MIC-in, Line-in, Line-out (GENE-6320AE only)
USB	One 5x2 pin header supports 2 USB1.1 ports

### Packing List

- 1701440500 IDE Cable
- 1701340600 Floppy Disk Drive Cable
- 1701100206 COM Port Cable
- 1701260200 Parallel Port Cable
- 1700080180 TV-out & S-terminal Cable
- 1700060192 Keyboard/Mouse Cable
- 1700140510 Audio Cable
- 1709100203 USB Cable
- 9657666600 Jumper Cap
- Quick Installation Guide
- Utility CD
- GENE-6320

### Ordering Information

- **GENE-6320AE-A10**  
SubCompact Board, Celeron® 300MHz, with LCD, LVDS, LAN, Audio, TV-out, CF, Rev.A1.0
- **GENE-6320AE-A10-01**  
SubCompact Board, PIII 700MHz, with LCD, LVDS, LAN, Audio, TV-out, CF, Rev.A1.0
- **GENE-6320GE-A10**  
SubCompact Board, Celeron® 300 MHz, with LCD, LVDS, Gigabit LAN, TV-out, CF, Rev.A1.0
- **GENE-6320GE-A10-01**  
SubCompact Board, PIII 700 MHz, with LCD, LVDS, Gigabit LAN, TV-out, CF, Rev.A1.0

### Optional Accessories

- 1702200205 Conversion Cable for AT to ATX Power Supply (200 ± 10mm) for GENE-6310B/6320/6330

