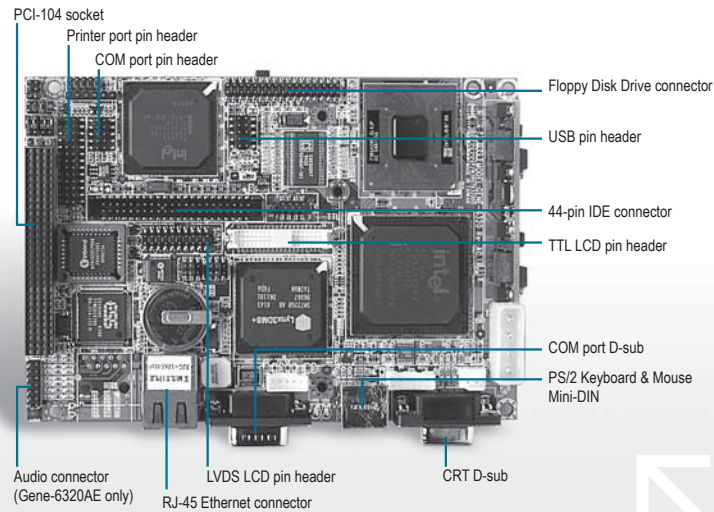


## Intel<sup>®</sup> Pentium<sup>®</sup> III Processor - Low Power or Celeron<sup>®</sup> Processor - Ultra Low Power



### Features

- Onboard Intel<sup>®</sup> Pentium<sup>®</sup> III Processor - Low Power/ Celeron<sup>®</sup> Processor - Ultra Low Power
- 18/24-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<sup>™</sup>
- 2 COM / 2 USB Ports
- +5V Only Operation

### Specifications

| System  |  |
|---|--|
| Processor   | Onboard Intel <sup>®</sup> Pentium <sup>®</sup> III processor - Low Power (700MHz) / Intel <sup>®</sup> Celeron <sup>®</sup> processor - Ultra Low Power (300MHz)  |
| System Memory   | 144-pin SDRAM SODIMM x 1, Max. 256MB (PC-66/100)   |
| Chipset   | Intel <sup>®</sup> 82440BX + Intel <sup>®</sup> 82371  |
| I/O Chipset   | Winbond W83977EF   |
| Ethernet  | Intel <sup>®</sup> 82559ER, 10/100Base-TX RJ-45 connector x 1<br>Intel <sup>®</sup> 82559ER + Intel <sup>®</sup> 82540EM, 10/100Base-TX RJ-45 connector x 1, 10/100/1000Base-TX RJ-45 connector x 1 (GENE-6320GE only) |
| BIOS  | AWARD 256KB FLASH ROM  |
| Watchdog Timer  | Generates a time-out system reset  |
| H/W Status Monitoring   | Supports power supply voltages and temperature monitoring  |
| SSD   | Type II CompactFlash <sup>™</sup> 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   |  |
| Supports CRT / LCD and LCD / LCD simultaneous display<br>Supports CRT / LCD dual view<br>Supports screen image rotation |  |
| Chipset   | SMI SM722  |
| Memory  | Built-in 8MB   |
| Resolutions   | up to 1280x1024@24bpp colors for CRT<br>up to 1280x1024@24bpp colors for LCD   |
| LCD Interface   | 18/24-bit TTL/LVDS TFT/LCD   |
| TV-out  | Supports NTSC and PAL standard, S-Terminal and Composite Video   |
| 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-A10-02  
SubCompact Board, Celeron<sup>®</sup> 300MHz, with LCD, LVDS, LAN, Audio, TV-out, CF, Rev.A1.0
- GENE-6320AE-A10-03  
SubCompact Board, PIII 700MHz, with LCD, LVDS, LAN, Audio, TV-out, CF, Rev.A1.0
- GENE-6320GE-A10-02  
SubCompact Board, Celeron<sup>®</sup> 300 MHz, with LCD, LVDS, Gigabit LAN, TV-out, CF, Rev.A1.0
- GENE-6320GE-A10-03  
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