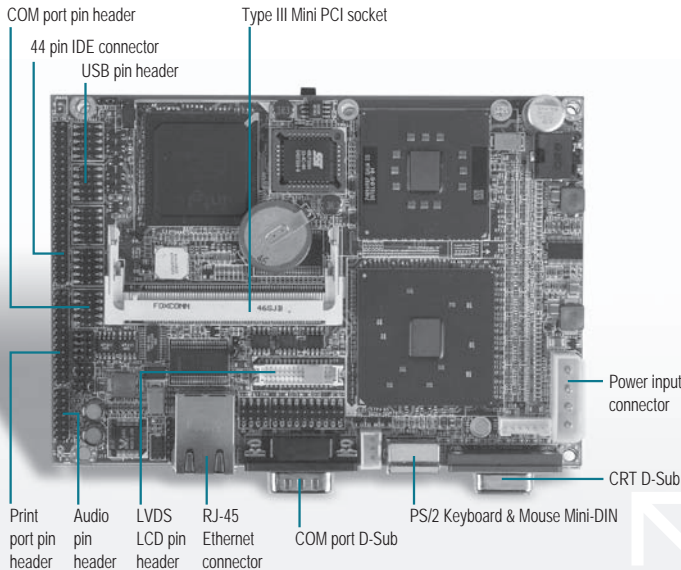


# GENE-8310

Industrial Computing Platform Partner

Intel® Celeron® M or Mobile Intel® Celeron® Processor at 600MHz with 0K L2 Cache



## Features

- Onboard Intel® Celeron® M or Mobile Intel® Celeron® Processor at 600MHz with 0K L2 Cache
- 48-bit Dual Channel LVDS TFT LCD
- 10/100Mbps Fast Ethernet
- AC-97 3D Surround 5.1 Channel Audio
- Supports Type II CompactFlash™ Memory
- 2 COM / 4 USB2.0 / TV-out / DVI / Digital I/O Ports
- +5V Only Operation



## Specifications

System	
CPU	Onboard Intel® Celeron® M Processor at 1.3GHz or Mobile Intel® Celeron® Processor at 600MHz with 0K L2 Cache
System Memory	200-pin DDR SODIMM x 1, Max. 1GB (DDR266)
Chipset	Intel® 852GM + 82801DB (ICH4)
I/O Chipset	ITE IT8712F
Ethernet	Intel® 82562, 10/100Base-TX RJ-45
BIOS	AWARD 512KB 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	Type III Mini PCI 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, CRT / TV, CRT / DVI, LCD / DVI and LCD / TV simultaneous display	
Supports CRT / LCD, CRT / TV, CRT / DVI, LCD / DVI and LCD / TV dual view	
Chipset	Intel® 852GM + Chromtel 7009
Memory	Shared system memory up to 64MB with DVMT
Resolutions	up to 1280x1024@32bpp colors for CRT up to 1280x1024@24bpp colors for LCD
LCD Interface	48-bit dual channel LVDS
TV-out	Supports NTSC and PAL standard
I/O	
MIO	EIDE x 1(UDMA33 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, or 5.1 Output
USB	4 USB 2.0 ports (USB doesn't support Wake-up function)
Digital I/O	Supports up to 4 in and out

## Packing List

- 1701440500 IDE Cable
- 1701260200 Parallel Port Cable
- 1701100206 COM Port Cable
- 1700140510 Audio Cable
- 1700080180 TV-out & S-terminal Cable
- 1700200200 DVI Cable
- 1700060192 Keyboard/Mouse Cable
- 1709100201 USB Cable
- 9657666600 Jumper Cap
- Quick Installation Guide
- Utility CD
- GENE-8310

## Ordering Information

- **GENE-8310-A10**  
3.5" Board, LV C-M 600, LCD-DVI-TV, DDR, 10/100, Audio, 2COM, USB2.0, CF, M-PCI, Rev.A1.0
- **GENE-8310-A10-01**  
3.5" Board, C-M 1.3G, LCD-DVI-TV, DDR, 10/100, Audio, 2COM, USB2.0, CF, M-PCI, Rev.A1.0

## Optional Accessories

- **1702200205**  
Conversion Cable for AT to ATX Power Supply (200 ±10mm) for GENE-6310B/6320/6330
- **PER-C10L-A10 Series**  
Mini PCI Ethernet Card