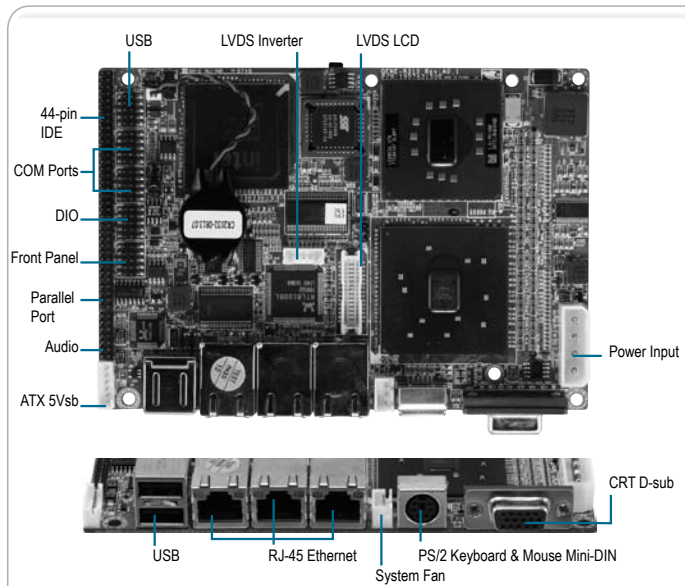


# GENE-8315W1

■ 3.5" SubCompact Board With Intel® ULV Celeron® M Processors



## Features

- Onboard Intel® ULV Celeron® M 600 MHz 512 L2 Cache/ 1.0 GHz Processor
- Intel® 852GM + ICH4
- DDR266 SODIMM, Max. 1 GB
- 10/100Base-TX Ethernet x 3
- CRT, Up to 24-bit Dual-channel LVDS LCD
- AC97 2.0 Codec 2CH Audio
- EIDE x 1, Type II CompactFlash™ x 1
- COM x 2, USB2.0 x 4, Parallel x 1, 8-bit Digital I/O
- +5V Only Operation
- Operating Temperature: -20°C ~ 70°C



## Specifications

System	
Form Factor	3.5"
Processor	Onboard Intel® ULV Celeron® M 1.0 GHz 0K L2 cache/ 600 MHz 512 K L2 cache with FSB: 400MHz
System Memory	200-pin DDR SODIMM x1, Max. 1 GB (DDR266)
Chipset	Intel® 852GM + ICH4
I/O Chipset	ITE IT8712
Ethernet	Intel® 82562 x 1 & Realtek RTL8100BL x 2 for 10/100Base-TX, RJ-45 x 3
BIOS	Award Plug & Play LPC BIOS - 1 MB ROM
Wake On LAN	Yes
Watchdog Timer	Generates a time-out system reset
H/W Status Monitoring	Supports power supply voltages, fan speed and temperature monitoring
Battery	Lithium battery
Power Requirement	+5V, ATX/AT
Power Consumption (Typical)	Celeron® M 1.0 GHz, DDR 1 GB 3.4A@5V
Board Size	5.75" (L) x 4" (W) (146mm x 101.6mm)
Gross Weight	0.8 lb (0.4 Kg)
Operating Temperature	-4°F~ 158°F (-20°C ~ 70°C)
Storage Temperature	-40°F~176°F (-40°C~80°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
MTBF (Hours)	70,000
Display	
Supports CRT/LCD simultaneous/ dual view display	
Chipset	Intel® 852GM integrated
Memory	Shared system memory up to 64 MB/ DVMT
Resolutions	Up to 1600 x 1200 for CRT Up to 1280 x 1024 for LCD
LCD Interface	up to 24-bit dual-channel LVDS (Emulated 24-bit Dual channel LCD)
I/O	
Storage	EIDE x 1 (UDMA-33 for two devices), CompactFlash™ x 1
Serial Port	RS-232 x 1, RS-232/422/485 x 1
Parallel Port	SPP/ EPP/ ECP mode
USB	USB2.0 x 4
PS/2 Port	Keyboard + Mouse x 1
Digital I/O	Supports 8-bit (Programmable)
Audio	Mic-in, Line-in, Line-out, CD-in

## Packing list

- 1701440500  
IDE Cable
- 1700060192  
KB/Mouse Cable
- 1709100201  
USB Cable
- 9657666600  
Jumper Cap
- Cooler or Heatsink
- Quick Installation Guide
- Utility CD
- GENE-8315W1

## Ordering Information

- **TF-GENE-8315W1-A10 (Fanless)**  
3.5" Board, UV Celeron® M 600 MHz, LCD, DDR, 3 LAN, 2 COM, USB2.0, CompactFlash™, AT/ATX, Rev.A1.0, WITAS 1 (-20°C ~ -70°C)
- **TF-GENE-8315W1-A10-01 (Fanless)**  
3.5" Board, UV Celeron® M 1 GHz ZC, LCD, DDR, 3 LAN, 2 COM, USB2.0, CompactFlash™, AT/ATX, Rev.A1.0, WITAS 1 (-20°C ~ -70°C)

## Optional Accessories

- 1702200205  
Power Cable, 20P ATX(M), 4P 5.08mm Housing(F), +6P 2.0mm Housing, 20cm
- 1709100201  
USB Cable, 20cm 2.0mm, W/Bracket
- 1701100206  
COM Port Cable, 9P DB-Sub Male, 20cm
- 1701260200  
LPT Cable, 25P D-SUB Female, Length 20cm
- 1700140510  
Audio Cable, Audio Jack, Length 51cm