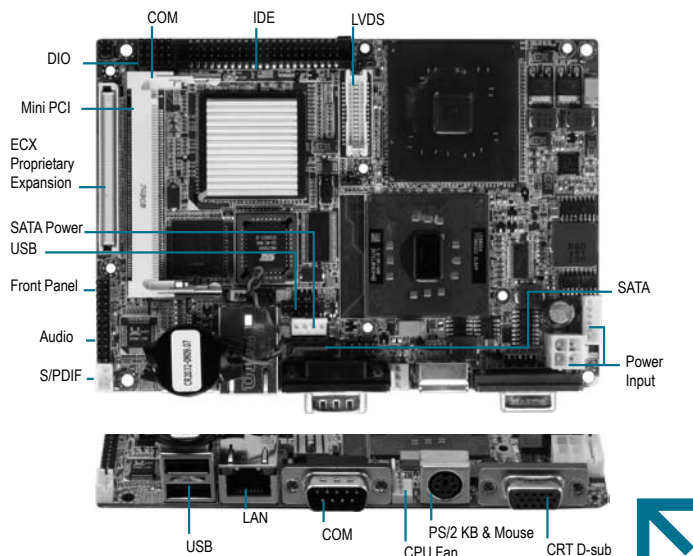


GENE-9155

3.5" SubCompact Board with Intel® Embedded Pentium® M/ Celeron® M Processors

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SubCompact Boards



Features

- Intel® Embedded Pentium® M/ Celeron® M Processors
- Intel® 915GME + ICH6M
- SODIMM DDRII 400/533 Max. 2GB
- 10/100/1000Base-TX Ethernet x 1
- CRT & 18-bit Dual-channel LVDS LCD
- AC97 2.3 Codec 2CH Audio
- EIDE x 1, SATA I x 1 & CompactFlash™ Slot x 1
- 8-bit Digital I/O, USB x 4, COM x 2
- Flexible Expansion: Mini-PCI Socket and ECX Proprietary Expansion
- 12V Only Operation
- Optional Extension Board Supports:
 - 24-bit Dual-channel LVDS or DVI, USB x 1, SATA x 2 (Supports RAID 0 & RAID 1) or PCI-E [x1] x 1, COM x 4, LPC x 1 & PCI x 1 Signals



Specifications

System	
Form Factor	3.5"
Processor	Intel® Embedded Pentium® M up to 2.0GHz with FSB: 400/533MHz/ Celeron® M up to 1.5GHz with FSB 400 MHz
System Memory	200-pin DDRII 400/533 SODIMM x 1, Max 2GB
Chipset	Intel® 915GME+ICH6M
I/O Chipset	ITE IT8712
Ethernet	Intel® 82573L, 10/100/1000Base-TX RJ-45 x 1
BIOS	Award Plug & Play BIOS – 1MB 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
Expansion Interface	Mini PCI & ECX Proprietary Expansion
Battery	Lithium battery
Power Requirement	+12V, AT/ATX
Power Consumption (Typical)	Pentium® M 1.8GHz DDRII 533 1GB 3.29A@+12V
Board Size	5.75" (L) x 4" (W) (146mm x 101.6mm)
Gross Weight	0.88 lb (0.4KG)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°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 and dual view display	
Chipset	Intel® 915GME integrated
Memory	Shared system memory up to 224MB w/DVMT 3.0
Resolutions	Up to 2048 x 1536 for CRT Up to 1920 x 1200 for LCD
LCD Interface	18-bit dual-channel LVDS
TV-out	—
I/O	
Storage	EIDE x 1 (UDMA 33 for two devices), SATA I x 1, Type II CompactFlash™ x 1
Serial Port	RS-232 x 1, RS-232/422/485 x 1
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, S/PDIF in/out

Packing List

- 9681915500
Cable Kit for GENE-9155
1701440500 IDE Cable, Length 30+20cm
170060192 Keyboard/Mouse Cable, Length 19cm
- 9657666600
Jumper Cap
- Quick Installation Guide
- Utility CD
- GENE-9155

Ordering Information

- TF-GENE-9155-A10
3.5" Board, Socket-478M, LCD, DDRII, Gigabit Ethernet, Audio, 2COM, USB2.0, CompactFlash™, Mini-PCI, ECX Expansion, Rev. A1.0
- TF-GENE-9155-A10-01 (Fanless)
3.5" Board, ULV Celeron® M 600, LCD, DDRII, Gigabit Ethernet, Audio, 2COM, USB2.0, CompactFlash™, Mini-PCI, ECX Expansion, Rev. A1.0
- TF-GENE-9155-A10-02
3.5" Board, ULV Celeron® M 1GHz, ZC, LCD, DDRII, Gigabit Ethernet, Audio, 2COM, USB2.0, CompactFlash™, Mini-PCI, ECX Expansion, Rev. A1.0

Optional Accessories

- TF-PER-C10L-A10
Mini PCI 10/100Base-TX Ethernet Module with Realtek 8100C
- TF-PER-C10L-A10-01
Mini PCI 10/100/1000Base-TX Ethernet Module with Realtek 8110S
- TF-PER-C10L-A10-02
Mini PCI 10/100Base-TX Ethernet Module with Intel® 82551QM
- TF-PER-C10L-A10-03
Mini PCI 10/100/1000Base-TX Ethernet Module with Intel® 82541GI
- TF-PER-C30F-A10
Mini PCI 3-port IEEE 1394a Module
- TF-PER-V30C-A11
Mini PCI Single Channel Capture Module with Philips SAA7135
- TF-PER-C40C-A10
Mini PCI 2-port RS-232 Module Rev. A1.0
- TF-PER-C40C-A10-01
Mini PCI 4-port RS-232 Module Rev. A1.0
- TF-PER-T061-A10
ECX Expansion Board, LVDS, 2SATA, 4COM, 1USB, Rev.A1.0
- TF-PER-T061-A10-01
ECX Expansion Board, DVI, 2SATA, 4COM, 1USB, Rev. A1.0
- TF-PER-T099-A10
ECX Extension Board, LVDS, PCI-Express, 2COM, Rev.A1.0
- TF-PER-T099-A10-01
ECX Extension Board, LVDS, Mini Card, 2COM, Rev.A1.0
- TF-PER-T099-A10-02
ECX Extension Board, DVI, PCI-Express, 2COM, Rev.A1.0
- TF-PER-T099-A10-03
ECX Extension Board, DVI, Mini Card, 2COM, Rev.A1.0
- 1709100201
USB Cable w/Bracket, Length 20cm
- 1709070500
SATA Cable, Length 50cm
- 1702151200
SATA Power Cable, Length 12cm
- 1700140510
Audio Cable, Audio Jack, Length 51cm
- 1709030150
SPDIF Cable, Length 15cm
- 1701100206
COM Port Cable, Length 20cm