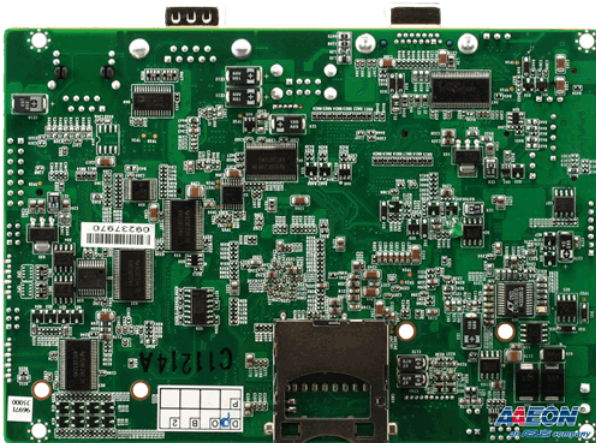
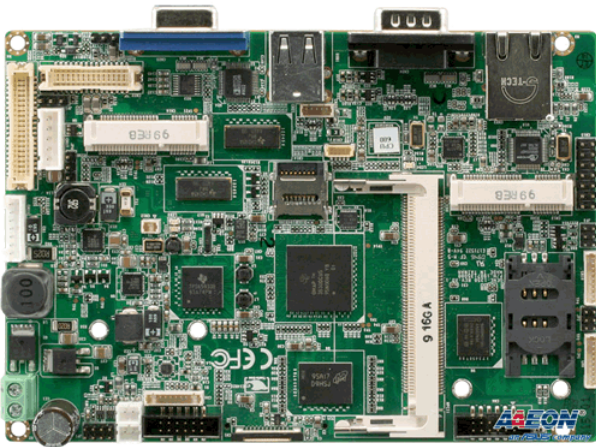


GENE-3150



Onboard 128/256 MB (Optional) LP DDR RAM

Onboard NAND Flash, SD, MicroSD

1x RS-232, 1x RS-232/422/485 (auto flow), 1x TTL UART

2x USB 2.0 Host, 1x USB 2.0 Client

1x 10/100Base-TX with RJ-45 LAN

TTL/LVDS/LCD

Up to 1280 x 768 for LCD, Up to 1024 x 768 for CR

Up to 24-bit single channel TTL and 18-bit single channel LVDS LCD

Onboard 4-wire Resistive Touch Screen Controller

2x Mini-Card (with USB interface only), 1x Proprietary Expansion Slot

8-bit GPIO

Audio: Line-In, Line-out, Mic-in, Speaker-out (1W Amplifier)

Chipset: TI OMAP™ 3

Power Requirement +9V to +24V DC

Operating Temperature: 32°F ~ 158°F (0°C ~ 70°C)

Operating Humidity: 0% ~ 90% relative humidity, non-condensing

Dimensions: 5.75"(L) x 4"(W) (146mm x 101.6mm)

GENE-1350 adopts TI OMAP 3503/3530 Processor. This RISC CPU module features low power consumption and cost-efficiency, to fulfill the requirements of hardy and more cost-focusing applications. The module has 2COM ports (1 RS-232, 1 RS-232/485), 2 USB2.0 host, 1 USB2.0 Client, Digital I/O, etc., to connect and control the peripheral devices. Two Mini Card (with USB interface only) and one Proprietary Expansion Slot make the implementation of external expansion. The CPU frequency is up to 600 MHz and shows a better performance. In addition, the GENE-1350 companies with TI OMAP 3 Display Companion Chipset, the 3D Graphics & Video Accelerator support with 3530 processor. The power-saving contribution helps GENE-1350 to run rich multimedia applications and perform excellently. For targeting at the vehicle PC and mobile device markets, the GENE-1350 is no doubt the best solution.

Specifications

SLC type.
Single Board Computers 3.5 Inch
Processor

TI OMAP™ 3503/3530 600 MHz

Clock Speed:

600 MHz

Real Time Clock:

Memory
Primary Flash:

Onboard NAND Flash & SD & MicroSD

Primary I/O
GPIO.

8-bit GPIO

Disk Interface:

Onboard NAND Flash

SD

MicroSD

Video Out:

TTL/LVDS/LCD

Audio:

Line-In

line-out

mic-in

Speaker-out (1W Amplifier)

Ethernet:

1x 10/100Base-TX with RJ-45

USB:

2x USB 2.0 Host

1x USB 2.0 Client

Serial Ports:

1x RS-232

1x RS-232/422/485 (auto flow)

1x TTL UART

Watchdog:

Secondary I/O

LF1 Port.

Keypad:

PS/2:

Touch:

Supports 4-wire resistive touch screen

Analog on

A/D.

D/A:

Dimensions

Dimensions.

5.75 × 4 in

Weight:

0.88 lb

Form Factor:

3.5 SBC

Dimensions Misc.:

5.75"(L) x 4"(W) (146mm x 101.6mm)

Power Requirements

Power Misc.:

Power Requirement: +9V to +24V DC

Power Consumption TI OMAP 3530, 128MB LP DDR, 0.24A @ +12V

Environmental

Low Operating Temperature:

0 C

High Operating Temperature:

70 C

Upper Operating Humidity:

90%

Environmental Misc.:

0% ~ 90% relative humidity, non-condensing

Pricing
GENE-1350-A10

3.5" SBC, GENE-1350, OMAP3530, 128MB RAM, 256MB Flash, 2xCOM, 2xUSB2, 1xLAN, Audio

\$358.00

Order:

0

Parent Product:

GENE-1350W1-A10

3.5" SBC, GENE-1350-ET, OMAP3530, 128MB RAM, 256MB Flash, 2xCOM, 2xUSB2, 1xLAN, Audio (-20-70C)

\$461.00

Order:

0

Parent Product:

Source URL: <https://www.emacinc.com/content/gene-3150>