

PCM-3350



The CPU is EOL for this product, please see this article for more information. The PCM-3350, with its GX1-300 MHz onboard processor and low power fanless performance, represents EMAC's next generation of high speed, low power PC/104 family of products. The stable Geode processor, onchip PCI VGA for VGA and TFT LCD support and rock solid Intel® 82559 ER High performance Ethernet chip, provide amazing power and functionality. The ability to stack a full range of PC/104 modules such as sound, PCMCIA, GPS, additional LAN, plus many others, greatly expands the range of applications. The PCM-3350 has all the power and features indicative of larger CPU control boards, but checks in at the standard PC/104 size of 96 mm x 90 mm. It has 256 KB Flash memory, a 144-pin SODIMM socket which can accept up to 256 MB SDRAM, and support for up to two EIDE devices. It supports up to two FDDs plus one serial RS-232 port and one RS-232/422/485 port. There are two USB 1.0 compliant ports, one parallel port and a mini-DIN connector that supports a standard PS/2 keyboard and mouse. There is a CompactFlash™ socket that can act as an emulated hard drive as well. An 18-bit TFT LCD panel is supported with flat panel display resolution up to 1024 x 768 @ 18 bpp. Non-interlaced CRT monitor resolutions up to 1024 x 768 @ 24 bpp are also supported. Along with APM 1.1 power management, an infrared port and watchdog timer support, the PCM-3350 has all the features that make it a full-featured performer in any computer class.

Specifications

SBC type:

EOL Single Board Computers

Processor

Processor:

Embedded Low power NS Geode

Clock Speed:

300 MHz

Real Time Clock:

Memory

BIOS/ Bootloader:

Award 256 KB Flash memory

Primary Flash:

1x CompactFlash™ card

Primary I/O

Disk Interface:

1x FDD

2x EIDE (Ultra DMA33)

Serial Ports:

1x Parallel SPP/EPP/ECP

1x RS-232

1x RS-232/422/485

Watchdog:

Primary I/O Misc.:

Infrared port: Shared with COM 2. Transfer rate up to 115 kbps

Secondary I/O

LAN Port:

Keypad:

PS/2:

Analog on

A/D:

D/A:

Dimensions

Dimensions:

3.77 × 3.54 in

Weight:

0.11 kg

Form Factor:

PC/104

Power Requirements

Voltage:

5 V

Max Boot Current:

2 A

Environmental

Low Operating Temperature:

0 C

High Operating Temperature:

60 C

Upper Operating Humidity:

95%

Environmental Misc.:

Storage Temperature: -40° ~ 85°C (-40° ~ 185°F)

Pricing

PCM-3350F

Geode 300MHZ PC/104 SBC W/ CRT/LCD, LAN, USB

\$0.00

Parent Product:

PCM-3350Z2

PCM-3350 W/ -40°C TO +85°C operation temp

\$0.00

Parent Product:

Cables & Adapters:

CAB-20-001-1

44-pin to dual 40-pin EIDE Cable

\$20.00

CAB-40-005-1

USB CABLE FOR PCM-3350

\$11.00

1703100260

RS422/485 ACCESS CABLE

\$12.00

Source URL: <https://www.emacinc.com/content/pcm-3350>