

MIC-2353/F

Half-size Celeron® M 600 CPU Module

NEW



CE FCC

Features

- Front Accessible
- Build in Intel Celeron M CPU with 512K L2 cache
- Dual LAN and COM port
- Supports 4 x USB 2.0
- Onboard 2.5" HDD & CompactFlash card support
- Onboard 256K Battery backup RAM

Introduction

MIC-2353 is x86 platform with Celeron M 600MHz CPU and 1GB DDR RAM. It also comes with rich peripherals such as 2 x LAN, 4 x USB, and 2 x serial ports. The directed soldered CPU design makes it more reliable in harsh/ vibration environments, and different from general IPCs, the MIC-2353 series features a fanless design, promising application reliability. It's an ideal solution for transportation, traffic control, and test and measurement solutions.

Specifications

Standard SBC Functions

- **CPU** Onboard Intel® Celeron M® 600 MHz CPU
- **BIOS** Award 256KB Flash
- **Chipset** Intel 852GM
- **2nd Level Cache** Onboard 512 KB
- **RAM** 1GB DDR RAM
- **IDE HDD Interface** Handles up to 1 IDE HDD and CompactFlash card. Supports PIO mode 4 and Ultra DMA/33 mode
- **FDD Interface** MIC-2353: N/A
MIC-2353F: Yes
- **Serial Ports** 1 x RS-232 (COM1) and 1 x RS-232/422/485 (COM2)
- **Ethernet** 2 x Realtek RTL8100CL Fast Ethernet Controller Chip
10/100Base-T with RJ-45 connector
4 x USB 2.0
- **USB Ports** 4 x USB 2.0
- **Watchdog Timer** Can generate a system reset. Software enabled/disabled. Time interval is from 1 to 63 seconds jumperless with run-time setup
- **Keyboard/Mouse Port** One 6-pin mini-DIN connector on the front panel
- **Parallel Port** MIC-2353: Yes
MIC-2353F: N/A
- **CompactFlash** Provides one CompactFlash socket on the first IDE channel
- **Battery Backup RAM** Onboard 256K SRAM

HDD/FDD

- **HDD** 2.5" IDE
- **FDD** MIC-2353: N/A
MIC-2353F: Yes (3.5" slim type)

VGA Interface

- **Controller** Intel 852GM
- **Display Memory** 8/ 16/ 32 MB frame buffer using system memory
- **Resolution** Up to 1600 x 1200 at 85Hz

General

- **Board Size** 185 x 122 mm
- **Front Panel Size** MIC-2353: 213.8 x 51.6 mm
MIC-2353F: 213.8 x 77.6 mm
- **Operating Temperature** 0~ 60° C (32~ 140° F)
- **Storage Temperature** -20~ 80° C (-4~ 176° F)
- **Humidity** 5~95% (non-condensing)

Ordering Information

- **MIC-2353** Celeron M 600 CPU Card w/ VGA/LAN/USB
- **MIC-2353F** Celeron M 600 CPU Card w/ FDD/VGA/LAN/USB