MIC-2353/F

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
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