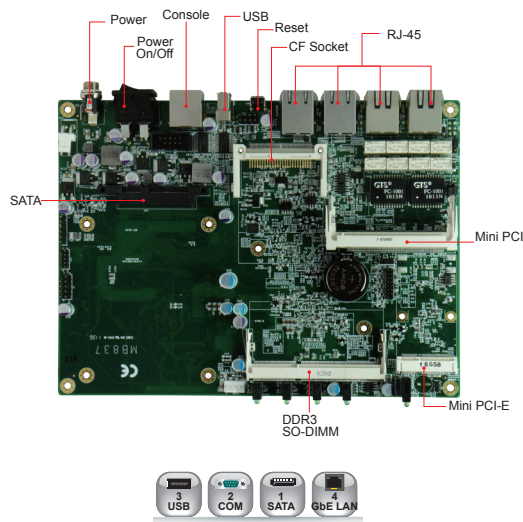


MB837-D25

Intel® Atom™ D2550 Networking Disk-size SBC
w/ Intel® NM10 PCH

Features

- Intel® Atom™ Processor D2550, 1.86GHz
- 4x Intel® 82583V GbE ports
- 1x DDR3 SO-DIMM, 1066/1333 MHz, Max. 4GB
- 1x CF socket, 1x 2.5" HDD drive bay
- 1x Mini PCI socket, 1x Mini PCI-E (USB signal) socket

System

CPU	Intel® Atom™ Processor D2550 (1M Cache, 1.86 GHz)
System Memory	1x DDR3 non-ECC SO-DIMM, 1066/1333 MHz, Max. 4GB
System Chipset	Intel® NM10 PCH
BIOS	AMI
Watchdog Timer	256 levels
SSD	1x CF socket
H/W Monitor	Yes
Expansion Slots	1x Mini PCI 1x Mini PCI-E - w/ USB signal

Graphics

VGA Controller	Intel® Atom™ D2550 integrated
VGA Memory	Max. Shared Memory – 224MB
Display Interface	VGA CRT via pin header

LAN

Controller	4x Intel® 82583V GbE
Bypass	LAN 1/2
Connector	4x RJ-45 on board

Multi I/O

I/O Chipset	NM10, Nuvoton NCT6627UD 1x keyboard, 1x mouse, 2x RS-232, 1x SATA
USB	1x USB 2.0 port on board 2x USB 3.0 via pin header
Others	+12V DC-in power connector

Mechanical and Environmental

Dimensions	203 x 146 mm (8" x 5.75")
Max. Power Requirement	Intel® Atom™ N2550 1.86GHz w/ 2GB DDR3-1333 +12V: 1.74A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	10%~90% (non-condensing)

Ordering Information

MB837-D25	5.25", Intel® Atom™ D2550, NM10, 82583V 4x GbE, Bypass Eth1/2, SATA connector, CF socket, Mini PCI, 12V DC-In
MB837-D25-R	5.25", Intel® Atom™ D2550, NM10, 82583V 4x GbE, Bypass Eth1/2 (Power off), SATA connector, CF socket, Mini PCI, 12V DC-In
PS2G	PS/2 keyboard and mouse cable
VGA8	VGA cable