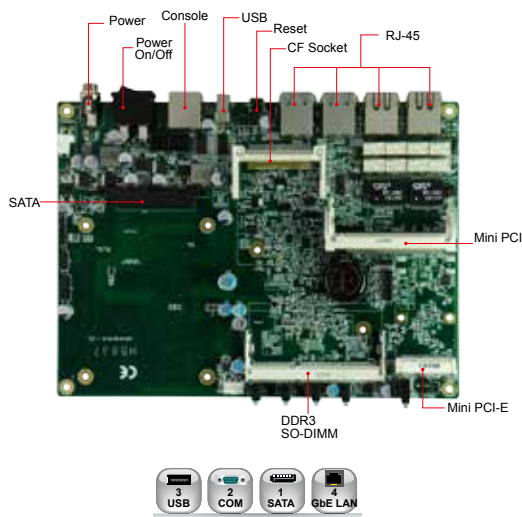


MB837-D25

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 KB, 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 |

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