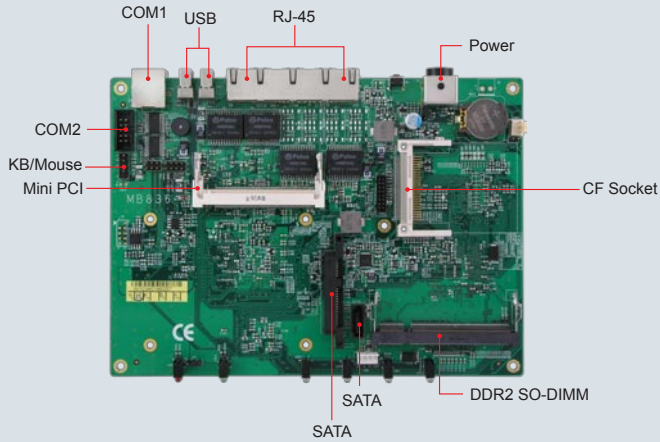
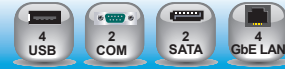




## MB836



### Features

- Onboard Intel® Atom™ Processor N270, 1.6GHz, 533MHz FSB
- 1x DDR2 SO-DIMM, Max. 2GB
- 4x Gigabit LAN, optional LAN bypass
- Intel® 945GSE VGA for CRT
- 2x SATA, 4x USB 2.0, 2x COM
- 1x CF socket, 1x Mini PCI slot

### System

CPU	Intel® Atom™ Processor N270, 1.6GHz
System Memory	1x DDR2 DIMM 400/533MHz, Max. 2GB
System Chipset	Intel® 945GSE + ICH7M, 533MHz FSB
BIOS	Award
Watchdog Timer	N/A
SSD	CF socket
H/W Monitor	Yes
Expansion Slots	1x Mini PCI

### Graphics

VGA Controller	Intel® 945GSE integrated
VGA Memory	Shared memory Max. 64MB
Display Interface	N/A

### LAN

Controller	4x Realtek8111C PCI-E Gigabit LAN, optional bypass function on LAN1 & 2
Connector	4x RJ-45 on board

### Multi I/O

I/O Chipset	ICH7M, Winbond W83627EHG 1x KB, 1x mouse, 2x RS-232, 2x SATA
USB	2 ports on board (USB 2.0)
Audio	Onboard buzzer only
Others	1x DC-In power connector

### Mechanical and Environmental

Dimensions	203mm x 146mm (8" x 5.75")
Max. Power Requirement	Intel® Atom™ 1.6GHz w/ 1GB DDR2-667 +12V: 1.38A
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

MB836	Intel® Atom™ N270 945GSE 5.25-inch SBC w/ GbE LAN, w/o bypass function
MB836F	Intel® Atom™ N270 945GSE 5.25-inch SBC w/ GbE LAN, w/ bypass function

Remarks:

- \* VGA cable, KB/Mouse PS2 cable and 60W power adaptor are optional.
- \* Specifications are subject to change without prior notice.