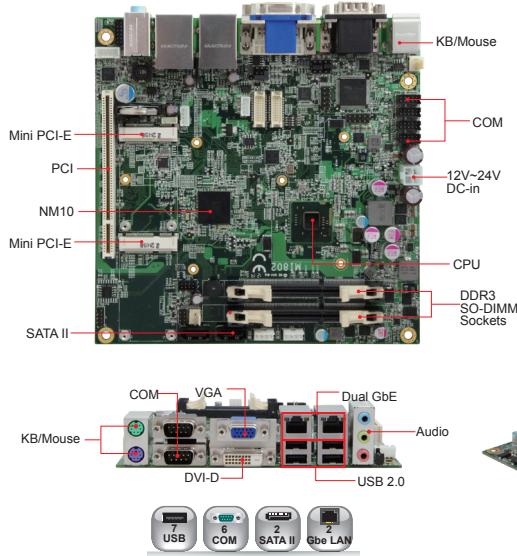




**ESIS**  
Industrial Electronics

[www.esis.com.au](http://www.esis.com.au)  
Ph 02 9481 7420  
Fax 02 9481 7267  
esis.enq@esis.com.au



### Features

- Onboard Intel® Atom™ D2550(1.86GHz) or Atom™ N2600 (1.6GHz) processor
- 2x DDR3 SO-DIMM, Max. 4GB
- iSMART - auto-scheduler and power resume
- Supports DVI-D / VGA and 24-bit dual channel LVDS
- Onboard dual PCI-E Gigabit LAN
- Watchdog timer, Digital I/O
- 7x USB 2.0, 6x COM, 2x SATA II
- 1x PCI, 2x Mini PCI-E, 12V~24V DC-in
- EuP/ErP compliance

### System

CPU	MI802: Intel® Atom™ Processor D2550 DC (1.86GHz, 1MB L2 cache) MI802N: Intel® Atom™ Processor N2600 DC (1.6GHz, 1MB L2 cache)
System Memory	MI802: 2x DDR3-1066 SO-DIMM, Max. 4GB (Non-ECC) MI802N: 1x DDR3-1066 SO-DIMM, Max. 2GB (Non-ECC)
System Chipset	Intel® CG82NM10 PCH (NM10)
BIOS	AMI
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slots	1x PCI, 2x Mini PCI-E

### Mechanical and Environmental

Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	Intel® Atom™ D2550 1.86GHz w/ 2GB DDR3-1066 + 12V: 1.87A
Operating Temperature	0°C~60°C (32°F~140°F)
Storage Temperature	-20°C~80°C (-4°F~176°F)
Relative Humidity	90% (non-condensing @60°C)

### Ordering Information

MI802	Intel® Atom™ D2550 1.86GHz Processor Mini-ITX Motherboard w/ DVI-D, VGA & LVDS, 2x PCI-E Gigabit LAN, EuP/ErP compliant, iSMART, with heatsink
MI802N	Intel® Atom™ N2600 1.60GHz Processor Mini-ITX Motherboard w/ DVI-D, VGA & LVDS, 2x PCI-E Gigabit LAN, EuP/ErP compliant, iSMART, with heatsink

### Graphics

VGA Controller	Intel® Atom™ processor integrated GMA3650
VGA Memory	Max. Shared Memory - 224 MB
Display Interface	Supports DVI-D / VGA 18/24-bit dual channel LVDS

### LAN

Controller	2x Realtek 8111E-VL PCI-E Gigabit LAN
Connector	RJ-45 on board

### Multi I/O

I/O Chipset	Fintek F81866AD-I 1x KB, 1x mouse, 1x RS232/422/485 (jumperless selection), 5x RS232, 2x SATA II
USB	4 ports on board, 3 ports via pin header
Audio	Intel® NM10 PCH built-in audio w/ Realtek ALC269 codec
Others	12V~24V DC-in, iSMART, Digital I/O (4-in/4-out)

### Dimensions and Drawing

