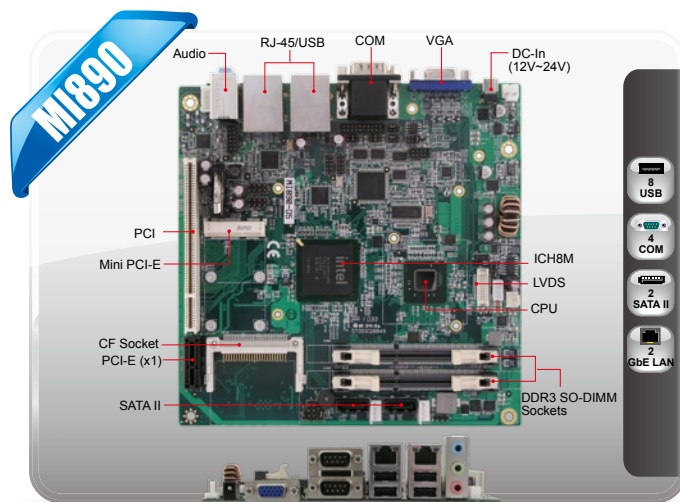
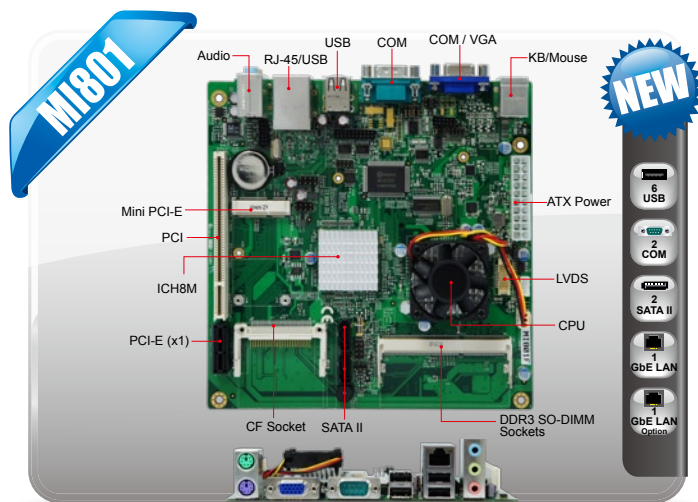


Intel® Atom™-Based

Intel® Atom™ D525 Mini-ITX Motherboard w/
Intel® ICH8M chipset

Intel® Atom™-Based

Intel® Atom™ N455/ D425/ D525 Mini-ITX Motherboard w/
Intel® ICH8M chipset



Features

- Onboard Intel® Atom™ Processor D525, 1.80GHz
- 1x DDR3 SO-DIMM, Max. 4GB
- Supports CRT and 18-bit single channel LVDS
- Onboard single PCI-E Gigabit LAN
- Watchdog timer, Digital I/O
- 8x USB 2.0, 4x COM, 2x SATA II
- 1x PCI, 1x Mini PCI-E, 1x PCI-E(x1)

Features

- Onboard Intel® Atom™ Processor N455 SC / D425 SC / D525 DC, up to 1.80GHz
- 2x DDR3 SO-DIMM, Max. 2GB/ 4GB
- Supports CRT and LVDS (18-bit single channel)
- Onboard dual PCI-E Gigabit LAN
- 8x USB 2.0, 4x COM, 2x SATA II
- 1x PCI, 1x PCI-E(x1), 1x Mini PCI-E
- Watchdog timer, Digital I/O

Specifications

CPU Socket	Intel® Atom™ Processor D525 DC (1.80GHz 1MB L2 cache)
System Memory	1x DDR3-800 SO-DIMM, Max. 4GB(Non-ECC)
System Chipset	Intel® 82801HM I/O Controller (ICH8M)
BIOS	AMI
Watchdog Timer	256 levels
SSD	Type II CF socket (MI801F)
H/W Monitor	Yes
Expansion Slots	MI801:1x PCI MI801F:1x PCI, 1x PCI-E(x1), 1x Mini PCI-E
VGA Controller	Intel® ICH8M Integrated GMA3150
VGA Memory	Max. Shared memory – 224MB
Display Interface	MI801:Supports VGA MI801F:Supports VGA and 18-bit single channel LVDS
LAN Controller	Realtek 8111E PCI-E Gigabit LAN
Connector	RJ-45 onboard
I/O Chipset	Winbond 83627UH-G-P 1x KB, 1x Mouse, 2x SATA II MI801:4x RS232 MI801F:3x RS232+1x RS232/422/485
USB	4 ports onboard, 4 ports via pin-header
Audio	Intel® ICH8M built-in audio w/ Realtek ALC662 codec
Others	Digital I/O (4-in/4-out)
Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	TBC
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)

Specifications

CPU	Intel® Atom™ Processor N455 SC (1.66GHz 512KB L2 cache) Intel® Atom™ Processor D425 SC (1.80GHz 512KB L2 cache) Intel® Atom™ Processor D525 DC (1.80GHz 1MB L2 cache)
System Memory	2x DDR3-800 SO-DIMM, Max. 2GB(N455) / 4GB(D425/D525) (Non-ECC)
System Chipset	Intel® 82801HM I/O Controller (ICH8M)
BIOS	AMI
Watchdog Timer	256 levels
SSD	Type II CF socket
H/W Monitor	Yes
Expansion Slots	1x PCI, 1x PCI-E(x1), 1x Mini PCI-E
VGA Controller	Intel® ICH8M Integrated GMA3150 graphics
VGA Memory	Max. Shared Memory - 224 MB
Display Interface	Supports VGA, 18-bit single channel LVDS
LAN Controller	2x Intel® 82583V PCI-E Gigabit LAN
Connector	2x RJ-45 on board
I/O Chipset	Winbond NCT6627UD 3x RS232, 1x RS-232/422/485, 2x SATA II
USB	4 ports on board Pin header for 4 ports (USB 2.0)
Audio	Intel® ICH8M built-in audio w/ Realtek ALC269 codec, integrated 2W amplifier
Others	Digital I/O (4-in/4-out), 12V~24V DC In
Dimensions	170mm x 170mm (6.7" x 6.7")
Max. Power Requirement	Intel® Atom™ D525 1.8GHz w/ 2x 2GB DDR3 +12V: 2.93A
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

MI801	Intel® Atom™ Processor D525 1.80GHz Mini-ITX motherboard w/ PCI-E Gigabit LAN, VGA, 2x SATAII, 1xPCI
MI801F (By request w/ MOQ)	Intel® Atom™ Processor D525 1.80GHz Mini-ITX motherboard w/PCI-E Gigabit LAN, VGA&LVDS, 2xSATAII, 1xCF, 1x PCI, 1x PCI-E(1x), 1x Mini PCI-E

Ordering Information

MI890-N4	Intel® Atom™ Processor N455 1.66GHz SC Mini-ITX motherboard w/ VGA, 2x PCI-E Gigabit LAN
MI890-D4 (By request w/ MOQ)	Intel® Atom™ Processor D425 1.80GHz SC Mini-ITX motherboard w/ VGA, 2x PCI-E Gigabit LAN
MI890-D5	Intel® Atom™ Processor D525 1.80GHz DC Mini-ITX motherboard w/ VGA, 2x PCI-E Gigabit LAN