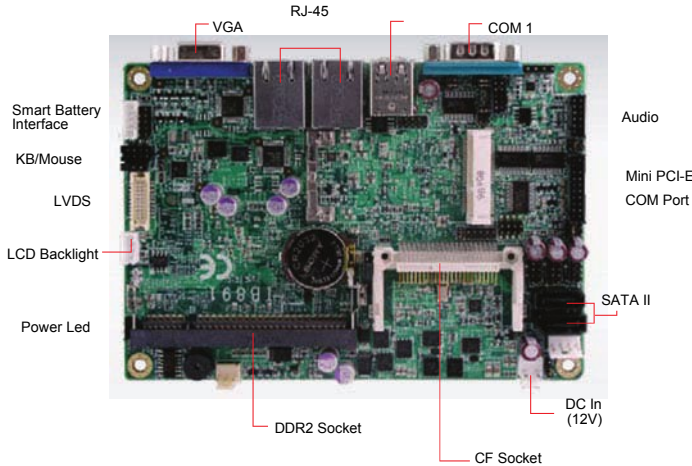


IB891



- Onboard Intel® Atom™ N450 SC/D510 DC Processor, 1.66 GHz
- 1x DDR2 SO-DIMM, Max. 2GB
- Supports VGA and LVDS(18-bit single channel)
- 2x Intel® PCI-E Gigabit LAN
- Watchdog timer, Digital I/O
- 8 x USB, 4 x COM, 2x SATA II

System

CPU	Intel® Atom™ Processor N450 SC (1.66GHz, 512K cache) Intel® Atom™ Processor D510 DC (1.66GHz, 1MB cache)
System Memory	1x DDR2 SO-DIMM, Max. 2GB (Non-ECC)
System Chipset	Intel® 82801HM I/O Controller (ICH8M)
BIOS	AMI BIOS, support ACPI function
Watchdog Timer	256 levels
SSD	Type II CF Socket
H/W Monitor	Yes
Expansion Slot	1x Mini PCI-E

Graphics

VGA Controller	Intel® ICH8M integrated
VGA Memory	Max. shared memory - 224MB
Display Interface	Supports VGA & 18-bit single channel LVDS

Ethernet

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

Multi I/O

Chipset	Winbond W83627UHG 1x KB, 1X Mouse, 1x LPC 3x RS232, 1x RS-232/422/485 2x SATA
USB	2 ports on board Pin header for 6 ports (USB 2.0)
Audio	Intel® ICH8M built-in audio controller w/ Realtek ALC662 Codec for 5.1 CH
Others	Digital I/O, +12V DC In, 1x smart battery

Mechanical and Environmental

Dimensions	102mm x 147mm (4" x 5.8")
Max. Power Requirement	Intel® Atom™ N450 1.66GHz w/ 2GB DDR2-800 +12V : 1.93A
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

IB891	Intel® Atom™ N450 1.66GHz SC Processor 3.5-inch Disk Size SBC w/ VGA and dual PCI-E Gigabit LAN
IB891-D5	Intel® Atom™ D510 1.66GHz DC Processor 3.5-inch Disk Size SBC w/ VGA and dual PCI-E Gigabit LAN
IB60	Cable kit for IB891 series, w/ USB, COM, SATA and power cable
HSIB891-BGA	Alluminium heatsink for BGA processor



Remarks:
* Specifications are subject to change without prior notice.