



Features

- Onboard Intel® Atom™ D2550 / N2600 Processor
- 1x DDR3 SO-DIMM, Max. 4GB
- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- Supports DVI-I and LVDS
- 2x Intel® 82583V PCI-E Gigabit LAN
- Watchdog timer, Digital I/O, mSATA
- 6x USB, 4x COM, 2x SATA II
- 2x Mini PCI-E slots

System

CPU	Intel® Atom™ Processor D2550 (1.86GHz, 1MB cache) Intel® Atom™ Processor N2600 (1.6GHz, 1MB cache)
System Memory	1x DDR3 SO-DIMM, Max. 4GB (Non-ECC)
System Chipset	Intel® CG82NM10 PCH
BIOS	AMI
Watchdog Timer	256 levels
SSD	mSATA (Thru Full-Size Mini PCI-E)
H/W Monitor	Yes
Expansion Slots	2x Mini PCI-E - w/ USB signal (1x Half-Size, 1x Full-Size)

Graphics

VGA Controller	Intel® Atom™ Processor D2550 / N2600 integrated
VGA Memory	Shared memory
LCD Interface	Support DVI-I and 24-bit dual channel LVDS

LAN

Controller	2x Intel® 82583V PCI-E Gigabit LAN
Connector	2x RJ-45 on board

Multi I/O

I/O Chipset	Nuvoton NCT6627UD 1x KB, 1x Mouse, 3x RS232, 1x RS-232/422/485(Jumperless selection), 2x SATA II
USB	2x ports on board Pin headers for 4 ports (USB 2.0)
Audio	Intel® NM10 built-in audio controller w/ Realtek ALC269QHD Codec w/ class-D speaker amplifier
Others	Digital I/O, +12V~+24V DC In, iSMART

Mechanical and Environmental

Dimensions	102mm x 147mm (4" x 5.8")
Max. Power Requirement	TBC
Operating Temperature	0°C~60°C
Storage Temperature	-20°C~80°C
Relative Humidity	10% ~ 90% (non-condensing)

Ordering Information

IB895F	Intel® Atom™ D2550 1.86GHz 3.5-inch Disk Size SBC w/ VGA, DVI & LVD (24-bit dual channel, dual PCI-E Gigabit LAN, mSATA, iSMART)
IB895N	Intel® Atom™ N2600 1.6GHz 3.5-inch Disk Size SBC w/ VGA, DVI & LVD (24-bit dual channel, dual PCI-E Gigabit LAN, mSATA, iSMART)
HSIB895-BGA	Heatsink for IB895

