

**Features**

- Onboard Intel® Atom™ D2550 / N2600 Processor
- 1x DDR3 SO-DIMM, Max. 4GB
- Supports DVI-I and 24-bit dual channel LVDS
- iSMART - auto-scheduler and power resume
- EuP/ErP power saving
- 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) for IB895 / 2GB (Non-ECC) for IB895N
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 (1x half-size, 1x full-size)

**Graphics**

VGA Controller	Intel® Atom™ Processor D2550 / N2600 integrated
VGA Memory	Max. shared memory – 224MB
Display Interface	Supports 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	2 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

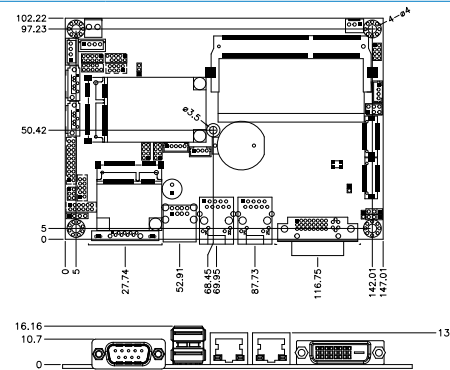
**Mechanical and Environmental**

Dimensions	102mm x 147mm (4" x 5.8")
Max. Power Requirement	Intel® Atom-D2550 1.86GHz 2GB DDR3-1333 + 12V: 1.64A
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**

IB895	Intel® Atom™ D2550 1.86GHz 3.5-inch Disk Size SBC w/ VGA, DVI & LVDS (24-bit dual channel, dual PCI-E Gigabit LAN, mSATA, iSMART, EuP/ErP compliant)
IB895N	Intel® Atom™ N2600 1.6GHz 3.5-inch Disk Size SBC w/ VGA, DVI & LVDS (24-bit dual channel, dual PCI-E Gigabit LAN, mSATA, iSMART, EuP/ErP compliant)
HSIB895-BGA	Heatsink for IB895
HSIB895-BGA-2	Heat spreader for IB895
IB68	Cable kit for IB895 series, w/ USB, COM, power, SATA + power

**Dimensions and Drawing**



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Single Board Computers](#) category:*

*Click to view products by [Ibase](#) manufacturer:*

Other Similar products are found below :

[MANO882VPGGA-H81](#) [SSD3200W-S-SLC-INN 20-101-0738](#) [MVME61006E-2173R](#) [SHB230DGGA-RC](#) [CM2-BT2-E3825-ETT](#)  
[IMB210VGGA](#) [IB915F-3955](#) [MI958F-16C](#) [S2600WFT](#) [S2600STB](#) [BBS2600BPS](#) [BLKNUC7I3DNHNC1978015](#) [DEV-17745](#)  
[BEAGLEBOARD POCKET](#) [MICROSOM I2 + WIFI/BT](#) [HUMMINGBOARD-I2EX BASE + WIFI/BT](#) [HUMMINGBOARD-I4 PRO +](#)  
[WIFI/BT](#) [VAB-600-B](#) [MITX-440-DVI-2E](#) [ATCA-7365-D-24GB](#) [NITX-315-DEVKIT](#) [A13-SOM-512](#) [NITX-315](#) [BANANA PI BPI-M1+](#)  
[A13-SOM-WIFI-4GB](#) [AM3359-SOM-EVB-IND](#) [UPS-APLC2-A10-0432](#) [DFR0419](#) [UPS-APLP4-A10-0864](#) [UPS-APLP4-A10-0432](#) [UPS-](#)  
[APLP4-A10-08128](#) [MI977F-Q27](#) [BBBLUE](#) [IB811F-I30](#) [DFR0470-ENT](#) [Nit6Q\\_i](#) [M2M \(TELIT\)](#) [RELAY](#) [PROFESSIONAL](#)  
[GCS22.2.080.2.2.I](#) [GCS22.8.100.4.2.I](#) [GLS11.2.053.2.2.E](#) [A20-OLINUXINO-LIME-E16GS16M](#) [A20-OLINUXINO-LIME-S16M](#) [A20-](#)  
[OLINUXINO-LIME2-E16GS16M](#) [A20-OLINUXINO-MICRO-S16M](#) [BANANA PI BPI-W2](#) [T2-OLINUXINO-LIME2-S16M-IND](#) [T2-](#)  
[OLINUXINO-MICRO-E8GS16M-IND](#)