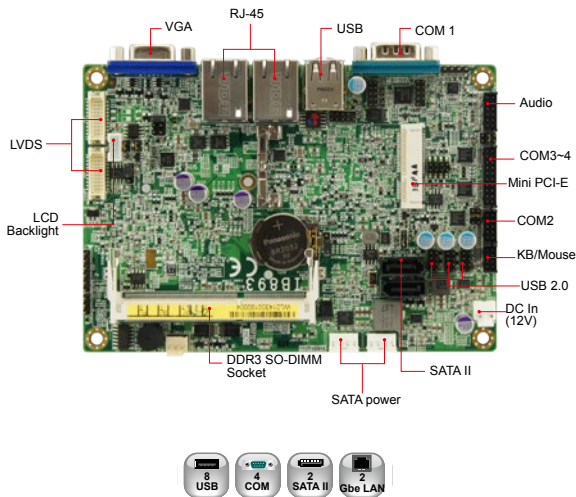


IB893

Intel® Atom™ D525 3.5-inch Disk Size SBC w/ Intel® ICH8M Chipset



Features

- Onboard Intel® Atom™ D525 DC Processor, 1.8GHz
- 1x DDR3 SO-DIMM, Max. 4GB
- Supports CRT and LVDS
- 2x Realtek RTL-8111G-CG Gigabit LAN
- Watchdog timer, Digital I/O
- 8x USB, 4x COM, 2x SATA II



System

CPU	Intel® Atom™ D525 Processor (1.8GHz, 1MB cache)
System Memory	1x DDR3 SO-DIMM, Max. 4GB (Non-ECC)
System Chipset	Intel® 82801HBM I/O controller (ICH8M)
BIOS	AMI
Watchdog Timer	256 levels
SSD	N/A
H/W Monitor	Yes
Expansion Slots	1x Mini PCI-E

Graphics

VGA Controller	Intel® Atom™ D525 Processor integrated GMA3150 graphics
VGA Memory	Max. shared memory – 224MB
Display Interface	Support CRT and 24-bit dual channel LVDS

LAN

Controller	2x Realtek RTL-8111G-CG PCI-E Gigabit LAN
Connector	2x RJ-45 on board

Multi I/O

I/O Chipset	Nuvoton NCT6627UD 3x RS232 1x RS-232/422/485 (jumperless selection), 2x SATA II, 1x KB, 1x Mouse
USB	2x ports on board Pin headers for 6 ports (USB 2.0)
Audio	Intel® ICH8M built-in audio controller w/ Realtek ALC662-VD codec for 5.1CH
Others	Digital I/O, +12V DC In

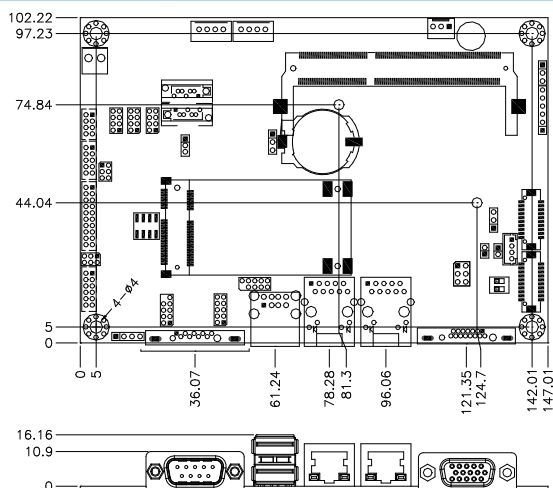
Mechanical and Environmental

Dimensions	102mm x 147mm (4" x 5.8")
Max. Power Requirement	Intel® Atom™ D525 1.80 GHz w/ 1x 2GB DDR3-1333 +5V: 0.23 A +12V: 2.38 A
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

IB893	Intel® Atom™ D525 1.8GHz Processor 3.5-inch Disk Size SBC w/ VGA & LVDS (24-bit dual channel), dual PCI-E Gigabit LAN
HSIB893-BGA	Heatsink for IB893

Dimensions Drawing



Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.
3. For user's manual & datasheet download, visit www.ibase.com.tw.

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[GCS22.8.100.4.2.I](#) [GLS11.2.053.2.2.E](#) [A20-OLINUXINO-LIME-E16GS16M](#) [A20-OLINUXINO-LIME-S16M](#) [A20-OLINUXINO-LIME2-](#)
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