



Key benefits

- Small form factor complete PC solution (78x99mm)
- Industrial and consumer I/O available
- Only 5V required
- Windows Embedded Standard and Windows CE 6.0 available
- Framework Ready to Run
- Platform customization service available to reduce BOM cost

Key features

- Intel® Atom™ Z5xx Processor family
- Intel® GMA500 GPU provides state-of-the-art 3D
- LVDS Video Output up to 1280x1024
- SDVO Video Output up to 1920x1080
- Hardware assisted video playback, supports H.264, MPEG2-4, VC1 and WMV9 up to Full HD
- Intel® 82574 Gigabit LAN
- 4x USB, 1x COM
- Dual Head display interface
- Operating temperature: 0...60°C

Key applications

- Building & Home Automation
- Programmable Automation Controller
- Digital Signage
- Portable Point-of-Sales, ATM, Kiosks
- Infotainment
- Entry Gaming Machine
- Biomedical application



Intel® Atom™ solutions

ce.iAtom “Ready to Run”

Control Engine

Configurations	ce.iAtom-03: Z510 1.1GHz, 512MB DDR2 RAM ce.iAtom-03S: Z510 1.1GHz, 1GB DDR2 RAM ce.iAtom-05: Z530 1.6GHz, 512MB DDR2, 1G SSD ce.iAtom-05S: Z530 1.6GHz, 1GB DDR2 RAM
On board	Intel HD Audio digital I2S out 8 GB SD Hard Drive Battery holder for RTC
Display	LVDS Video Output up to 1280x1024 SDVO Video Output up to 1920x1080 SDVO to VGA module available
Connectors	4x USB 2.0 Host, USB OTG (optional) 1x 10/100/1000 Mbps Ethernet 1x LVDS video output 24 bit up to 1280x1024 1x SDVO video output up to 1920x1080 1x RS232 4x GPIO 1x Intel® HD Audio stereo output
Super I/O	NVRAM 4xRS232/1xRS485 2x SPI I2C ccTalk 32x GPIO PWMs 8x AD 10 bit Touch screen controller
Software	Windows Embedded Standard and Windows CE 6.0 SDK Visual Studio 2005 NMI Framework Ready to Tun: LibUI, docs, support contracts.
Power Supply	5V
Physical features	78x99mm Fanless system 0°C to 60°C Operating temperature range