

Key benefits

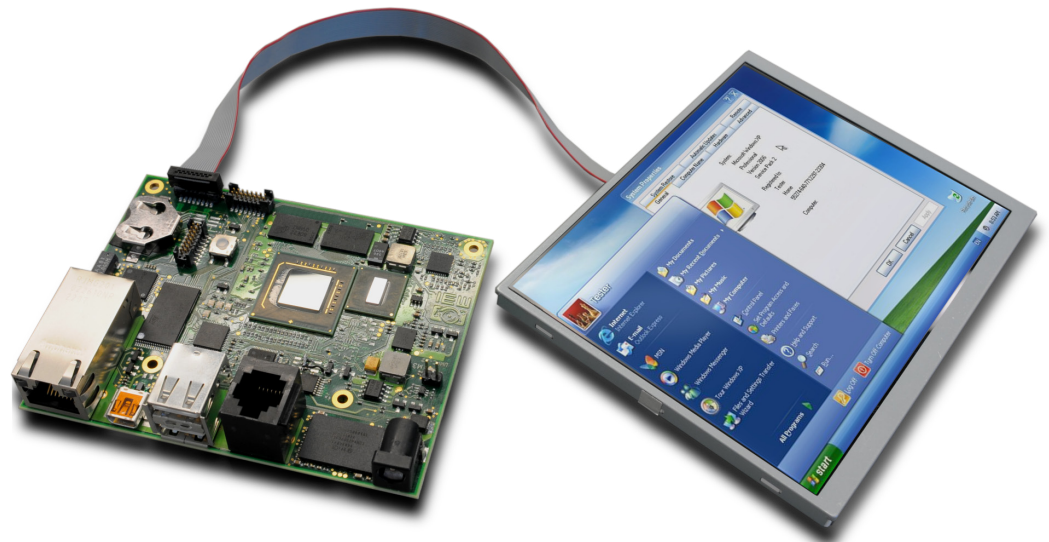
- Small form factor complete PC Solution (82x134 mm)
- Industrial and consumer I/O available
- No external ATX PSU needed (only 5V required)
- Solid State storage technology onboard
- Platform customization services available to reduce BOM cost

Key Applications

- Building & Home Automation
- Programmable Automation Controller
- Digital Signage
- Portable Point-of-Sales, ATM, Kiosks
- In-vehicle Infotainment Head-unit
- Entry Gaming Machine
- Biomedical Application

Key features

- Intel® Atom™ Z5xx Processor family
- Intel® GMA500 GPU provides state-of-the-art 3D graphics (supports OpenGL 2.0 and OpenGL ES)
- LVDS Video Output up to 1280x1024 resolution
- SDVO Video Output up to 1920x1080 resolution
- Hardware assisted video playback, supports H.264, MPEG2-4, VC1 and WMV9 up to FullHD (1080i@30fps)
- Intel® 82574L Gigabit LAN
- 2x USB, 1x COM, 1x SATA, SSD Storage on board
- Dual Head display interface
- Operating temperature: 0...60 °C



Ultra Mobile PC • Intel® Atom™ solutions

Ultra Mobile PC and Intel Atom™ processor
a new generation of powerful
and energy-efficient mobile solutions

Ultra Mobile PC

Intel® ATOM™ Silverthorne from 1.1GHz to 1.6GHz

Configurations	UMPC-003: Intel® ATOM™ Z510 1.1GHz, 512MB DDR2, 1G SSD UMPC-003S: Intel® ATOM™ Z510 1.1GHz, 512MB DDR2, 1G SSD, SATA UMPC-005: Intel® ATOM™ Z530 1.6GHz, 512MB DDR2, 1G SSD UMPC-005S: Intel® ATOM™ Z530 1.6GHz, 512MB DDR2, 1G SSD, SATA
Soldered onboard	Intel HDA audio Codec (Line OUT, Mic IN) Solid State Hard Drive Battery holder for RTC
External Connectors	1x RS232 serial port on connector 2x USB 2.0 Host 1x 10/100/1000 Mbps Ethernet, Intel® based 1x 5V plug
Internal Connectors	1x LVDS video output 24 bit up to 1280x1024 1x SDVO video output up to 1920x1080 4x GPIO 1x Intel® HD Audio stereo output 1x LPC Bus 1x SMBUS 1x SATA
Power Management	ACPI 3.0 Supports S0, S3, S4, S5 power states New power state C6: Deep Power Down Technology
Power Supply	5V
Physical Features	Modular 82X134 mm Fanless System 0...60°C Operating temperature range

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