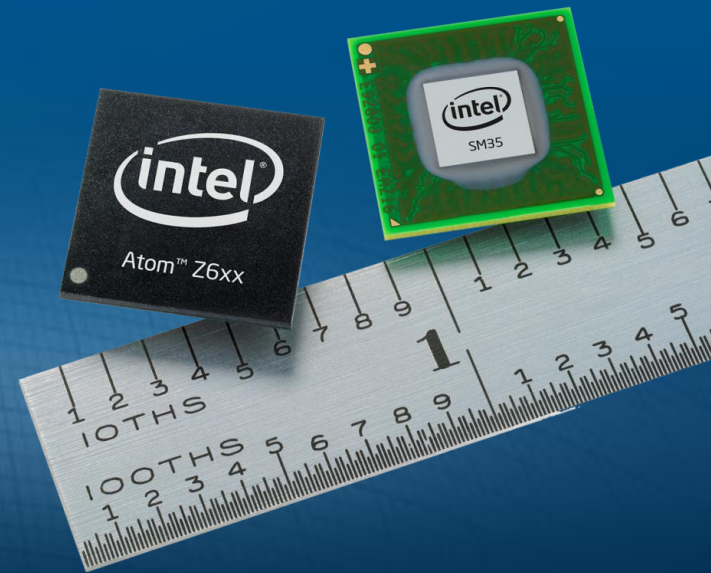




Intel® Atom™ Processor Z6xx- Platform for Embedded Devices



What is the News?

- Intel introduces best Intel® architecture performance per watt to date for small form-factor, portable embedded devices
- The Intel® Atom® processor Z6xx paired with the Intel® SM35 Express chipset is a winning combination
 - Lowest-power platform for battery-capable embedded designs
 - Ultra-small package helps shrink footprint for embedded designs
 - Choice of OS – Windows or MeeGo – for range of capabilities
 - Rich multi-media capabilities for full HD playback
- Ideal for “tablet -like” embedded applications used in industrial, medical and retail environments, such as:
 - Portable devices used for warehouse inventory
 - Medical tablets to input patient data bedside
 - Portable retail devices to make sales anywhere

Embedded Growth Today and Future



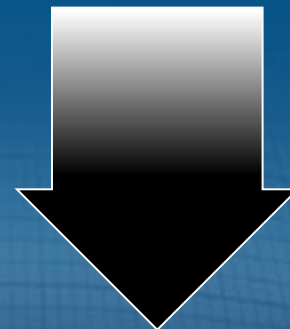
PC/Server Like CPUs:

*Intel® Xeon®

*2nd Gen Intel® Core™

*2nd Gen Intel® Core™ vPro™

>30 Segments... >3500 Customers... 30+ Years



Intel® Atom™ CPUs

*Lower Power

*Lower Cost

*Higher Integration

Growing Demand for Portable Embedded Devices



Make sales
anywhere



Access & input
patient data
real time



Save paper with
mobile inventory

Benefits of Portable Embedded Devices

Intel and Motion Computing Mobile Point-of-Care Case Study**

Secure information flow across the hospital and enable improvements in areas such as patient safety

Enables optimization of workflows drive efficiency such as reduction in patient waiting times

Collaboration between staff for faster decision turnaround

Can help improve quality of care, patient and staff satisfaction

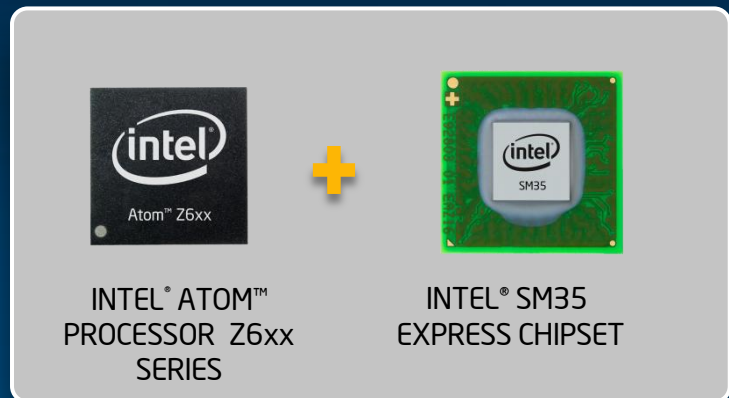


****2008 Case Study: Summary of C5 MCA Study Results from Leading Hospitals by Motion Computing and Intel.**

http://www.intel.com/corporate/healthcare/emea/eng/media/0933_MCA_Hospital_Abstracts.pdf

Introducing the Intel® Atom™ Processor Z6xx - Platform

Best Intel® Architecture Performance per Watt to Date



Enables thinner, media-rich devices with OS flexibility

- Up to 1080p video decode and HDMI support for rich media & graphics
- Total kit TDP of 3.75W for longer battery life and an average of 1W** power consumption
- 45nm small package CPU with integrated memory and graphics to enable thinner & innovative form factors
- OS choices give flexibility with support for Windows7 , Window Embedded Standard 7, and Meego Linux.

INDUSTRY RESPONSE:

"The Intel® Atom™ processor Z6xx-based platform brings the ideal balance of performance and battery consumption to the Motion CL900 Tablet PC. This latest innovation enables us to provide seamless business integration and platform compatibility while also offering the benefit of crisp, colorful HD video and graphics, all critical elements in serving customers across our target vertical markets."



Michael Johnson, Senior Vice President of Product Development , Motion Computing

Intel® Atom™ Processor Z6xx Series Available in 30 Days

	Core Freq	Graphics Speed	TDP	Temperature Range	Package
Intel® Atom™ processor Z670	1.5GHz	400MHz	3.0W	Commercial; 0° to 70° C	518-ball PCMB3 13.8x13.8mm
Intel® Atom™ processor Z650	1.2GHz	400MHz	3.0W	Commercial; 0° to 70° C	518-ball PCMB3 13.8x13.8mm

Intel® SM35 Express Chipset Available in 30 Days

	TDP	Temperature Range	Package
Intel® SM35 Express Chipset	0.75W	Commercial; 0° to 70° C	493-ball FCPGA 14x14mm

Summary

- New Intel® Atom™ Processor Z670 and Z650-based platforms for smaller form-factor, portable embedded devices
- Best Intel® architecture performance per watt and lowest platform power to date for embedded
- Intel remains committed to Atom roadmap and continued investment and innovation in embedded devices



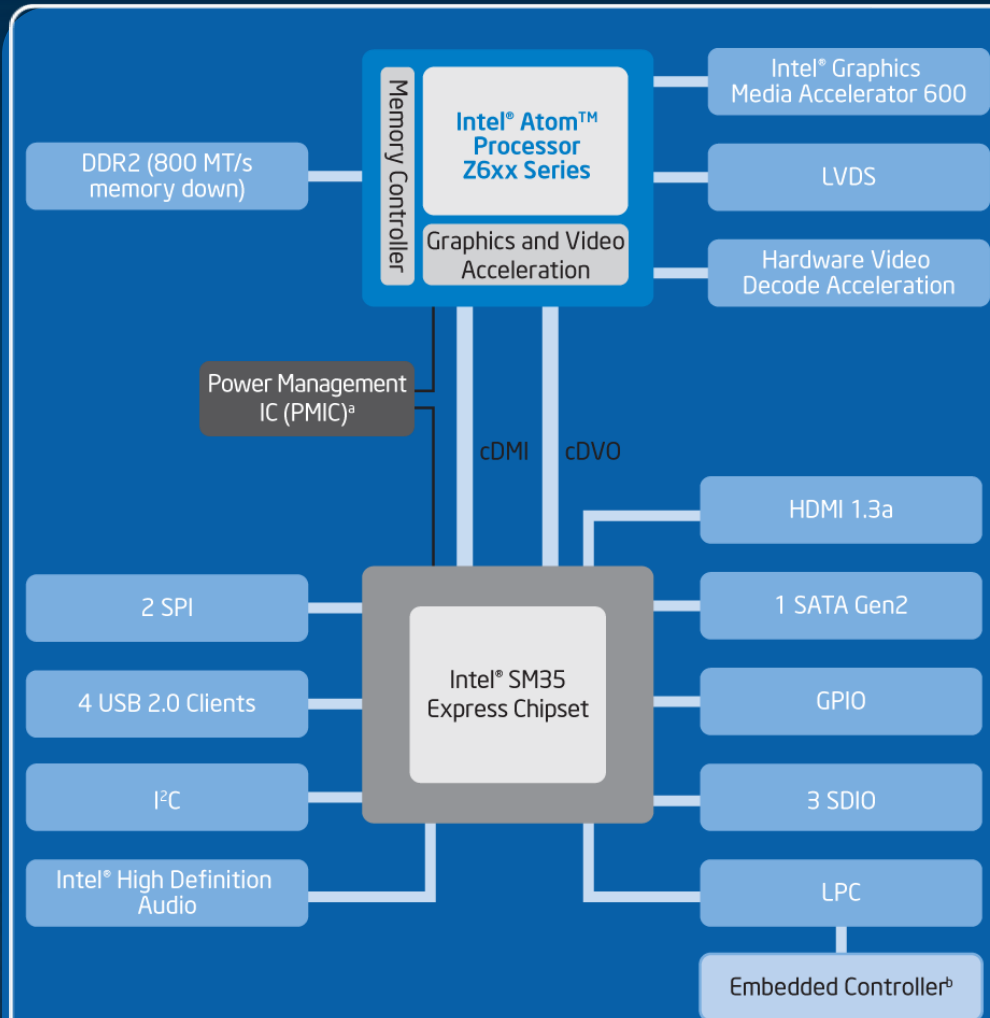
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Backup

Intel® Atom™ Processor Z6xx Platform



^aThe PMIC is required for design and is available from third-party vendors.

^bThe embedded controller is required for design. Solutions are available from third-party vendors.

Intel® Atom™ Processor Z6xx

- ✓ 1.5GHz and 1.2GHz clock speed offerings
- ✓ Integrated 2D/3D graphics engine with Graphics and Video decode acceleration
- ✓ Ultra small package at 13.8mm x 13.88mm

Intel® SM35 Express Chipset

- ✓ 4 USB, 3 SDIO and 2 SPI ports for I/O flexibility
- ✓ 1 SATA port or flash for Storage
- ✓ Common I/O blocks such as I²C and GPIOs
- ✓ Intel® High Definition Audio and HDMI for a rich media experience
- ✓ Ultra small package at 14mm x 14mm