

45nm Intel Atom™ processors  
chip less than 25mm<sup>2</sup>  
47 million transistors

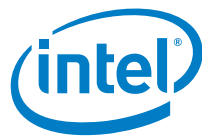


## The Intel® Atom™ processor:

Newly designed from the ground up, 45nm Intel® Atom™ processors pack an astounding **47 million transistors** on a single chip measuring **less than 25mm<sup>2</sup>**, making them

Intel's **smallest processors**,  
built with the world's **smallest transistors<sup>2</sup>**.

All this while delivering the power and performance you need for full Internet capabilities on your mobile internet device.



<sup>1</sup> System performance, battery life, power savings, high-definition quality, video playback and functionality, and wireless performance and functionality will vary depending on your specific operating system, hardware, chipset, connection rate, site conditions, and software configurations. Wireless connectivity and some features may require you to purchase additional software, services or external hardware.

<sup>2</sup> Processor comparison based on current Intel® architecture products. Transistor comparison based on 45nm processors in production.

<sup>3</sup> Wireless connectivity and some features may require you to purchase additional software, services or external hardware. System performance, battery life, wireless performance and functionality will vary depending on your specific operating system, hardware and software configurations.

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## Mobile Internet Devices

Enabling the Best Internet Experience  
in your Pocket



Mobile Internet Devices (MIDs) are small, powerful, portable Internet-connected devices, designed to give you the capability to communicate with others, enjoy your favorite entertainment, and access information on-the-go. Powered by the Intel® Atom™ processor, Mobile Internet Devices give you the performance, wireless connectivity and long battery life you need to unleash the best Internet experiences wherever you go.<sup>1</sup>

Use email, IM, social networking, blogs, and VoIP virtually anywhere you go. Whether it's personal or for productivity, staying in touch will never be the same.

If it's information you're after, you'll find it: Use your new Mobile Internet Device to access news, sports scores, directions, online shopping and more.

Mobile Internet Devices can put a full-featured web browser at your fingertips, making you more productive in more places than ever before. And that's just the beginning. With the Intel® Atom™ processor, the possibilities are endless.

**Put great Internet performance in the palm of your hand.**

The Intel® Atom™ processor's new micro-circuitry and silicon design enables what you want in a MID, delivering unprecedented functionality and processing power in a remarkably small space.

**Long battery life keeps you going.**

Built with Intel's low-leakage and power-saving 45nm technology & hafnium-infused circuit design, the Intel® Atom™ processor is Intel's smallest and lowest-power processor, giving your MID the long battery life you need to live life on-the-go to the fullest.

**Enjoy more types of video in new places.**

The Intel® Atom™ processor enables Mobile Internet Devices to decode video and audio so you can access and enjoy more entertainment and content on-the-go than ever before.

**Find connections when you need them.**

Intel® Atom™ processor-based Mobile Internet Devices feature integrated wireless connectivity<sup>1</sup> that lets you connect and stay connected where and when you want—at places like your home or office, or on-the-go\*.

**Powering the leading edge.**

Intel® Atom™ processors power the newest and most exciting MIDs like connected portable navigation units and media players.

