



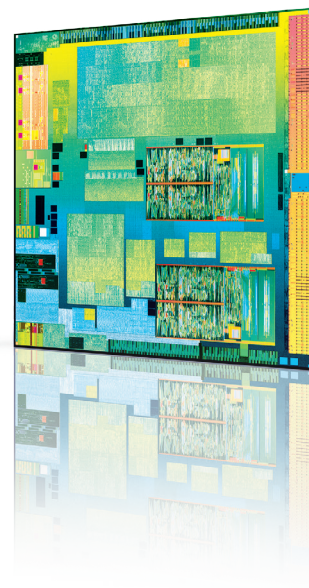
Intel® Atom™ Processor Z3700 Series for Windows* 8 Business Tablets

What users want. What IT needs.

High-performance mobility starts with Intel Inside®

A business tablet built with the new Intel® Atom™ processor Z3700 Series puts Intel Inside® and delivers Intel-level performance that gives business users the freedom and flexibility they want, while providing the security and manageability IT professionals need. Business tablets based on the Intel Atom processor Z3700 Series and running Windows* 8 offer a broad choice of the thinnest and lightest form factors with extraordinary battery life, so users can choose the best tablet to help them get real work done anywhere, anytime.¹

Built-in hardware-enhanced security² and manageability help IT to protect the business and keep devices compliant. Compatibility with existing 32-bit and 64-bit^Δ enterprise software allows IT to contain software costs and to use familiar security and management infrastructures, helping IT maintain efficiency and support mobile initiatives. Windows 8 and the Intel Atom processor Z3700 Series can help reduce total cost of ownership for new tablets up to 24 percent.³



Meeting the demands of today's businesses



The Intel Atom processor Z3700 Series delivers high-performance mobility with a great user experience plus the compatibility, manageability, and security required to support today's business computing requirements—from small to large enterprises.

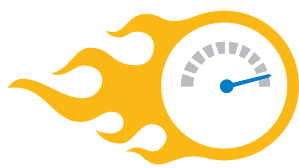
Enterprise users are adopting tablets at a rapidly increasing pace. This Bring Your Own Device (BYOD) trend is putting unique demands on businesses—both for what users want and what IT needs. Tablets built with the Intel Atom processor Z3700 Series give users all the mobility, performance, and connectivity they want to stay productive all the time, wherever they go. With up to 2x the processing performance⁴ and 3x better graphics performance⁵ of previous-generation Intel Atom processors, four cores for powerful multitasking and full Windows 8 compatibility, users will be able to simultaneously run the desktop applications they're used to, with seamless switching between them. When applications require more performance, Intel® Burst Technology 2.0 delivers performance when and where you need it. And, with greater than 10 hours of active battery life⁶, users can stay highly productive.

New business-class tablets built with the Intel Atom processor Z3700 Series are specifically designed for the needs of business and the enterprise. Hardware-enhanced Intel® security technologies and support for software from McAfee offer the robust security capabilities IT professionals demand to keep the enterprise safe. With Windows 8, IT has flexibility to manage an Intel-based device with existing tools, or use Mobile Device Management, readily supporting BYOD. 64-bit OS^A support allows IT to deploy a common Windows image across their enterprise fleet, while reaping the benefits of 64-bit software.

Windows 8 on Intel® tablet TCO is up to 24 percent less than the nearest competitor³

Windows 8 on Intel® tablets is estimated to lower TCO compared to other tablets, primarily due to reduced software and applications cost, reduction in IT labor and management costs, improved training times and reduced downtime.

Performance
that drives
productivity
and keeps pace
with your business



2x faster
processing speed⁴

3x

Better graphics
performance⁵



Over 10 hours of
active battery life⁶



Tablets with Intel Inside® bridge the gap between users and IT

FEATURE

BENEFIT

What Users Want

Great mobility and experience	Fast, responsive performance for new Windows* store apps, existing office productivity apps, and powerful browsing keeps users productive, thanks to Intel® Burst 2.0 technology.
Wide range of device and manufacturer choice	Choose from the thinnest, lightest tablets available—8" tablets as thin as ~8 mm and as light as ~0.77 pounds ⁷ and 10" tablets as thin as ~9 mm and as light as ~1.3 pounds ⁷ —that fit the way individual users work wherever they go.
True multitasking with multiple window views	Quad-core processing lets users work the way they're used to working, with multiple open applications and easy switching amongst them.
More than 10 hours of active battery life⁶	Leave the charger at the office for incredible productivity. Work where you want.
Support for multiple monitors	Intel® HD Graphics with Intel® Clear Video HD Technology ⁸ enable faster 3D graphics performance and immersive visual experiences on displays up to 2560x1600 pixels. Brilliant tablet display on the go with the option to extend to larger second screen at work.
Convertible 2 in 1 device options	Highly flexible user experiences: Use the device as a tablet when traveling and add a keyboard when you want to be more productive.
Ability to easily save and search for files	Accelerate work flows, whether it's building new content, sharing data with colleagues or watching videos on the go with the family.
Ability to run desktop applications, including Microsoft Office* and Outlook*	Migrate existing desktop applications so users can work with the tools they're used to.
View Flash web pages and support browser plug-ins	Continue to take advantage of all the great existing content on the web while experiencing new Web technologies, too.
Full peripheral compatibility	Continue to use the devices already available.
Stay connected	Microsoft InstantGo wakes the tablet in under a second and the user's apps and data are already up to date.

What IT Needs

Ability to run desktop applications	Save on new software costs by leveraging existing software.
Ability to restrict loading of apps	Protect the enterprise from non-compliant, rogue, and infected applications.
Full peripheral compatibility	No need for new devices just for tablets; eliminates new capital expenses.
Domain join	Familiar and protected access to enterprise assets.
Group policies	Manage tablets as unique groups with specific protection and needs.
Granular device management capability	Maintain user flexibility, while protecting the enterprise. Encrypt, protect, and isolate only the applications and services necessary instead of the entire device.
IT control over OS and application updates	Continue to work efficiently, while helping ensure compliance.
Advanced identity, data, and device security technologies from Intel and McAfee	Strong protection against identity theft, data theft and malware attacks with Intel® Platform Trust Technology ⁹ , Intel® Identity Protection Technology, ¹⁰ Intel® Data Protection Technology, ¹¹ support for McAfee software and more.
Wide range of device and manufacturer choice	Get the right devices for corporate needs.
TCO benefits	Work within budget while supporting new mobility initiatives.

Keeping productivity high and costs low

Only Intel® processor-based tablets running Windows 8 offer both users and IT the most powerful and flexible set of choices available to keep productivity high and costs low. Tablets with Intel Inside offer full compatibility with Windows 8 and millions of existing Windows applications. Business workers can take advantage of new mobility experiences, while enjoying the familiarity and compatibility of the desktop applications they're used to—and with their existing peripherals. Users and IT can be productive using the tools they're familiar with, saving valuable time, while migrating existing software to Intel Atom processor Z3700 Series-based business tablets eliminates new software costs, all to help reduce total cost of ownership up to 24 percent.



SPECIFICATIONS^a

Intel® Atom™ Processor Z3700 Series	4 cores/4 threads; Frequency up to 2.4 GHz
Graphics	Intel® HD Graphics with Intel® Clear Video HD Technology ⁸
Display	HDMI and multi-monitor support; Intel® Wireless Display ^{a,12}
Camera Support	Integrated image signal processor supports multiple cameras with image stabilization, de-ghosting, and more
Memory	LPDDR3-1067 and DDR3L-RS 1333 supporting memory density up to 4 GB and 2 GB, respectively. ⁹
OS Support	Both 32-bit and 64-bit ^Δ
Manufacturing	3D/22 nm process technology
Package	Type 4 (HDI) BGA package: 17 mm x 17 mm x 1 mm
Compatibility	Full Windows* 8 compatibility for desktop mode, touch user interface and Windows* Store applications
Security Support	Secure Boot McAfee DeepSAFE* technology AES hardware full disk encryption Intel® Platform Trust Technology ⁹ Intel® Identity Protection Technology ¹⁰ Intel® Data Protection Technology ¹¹
Communications	Wi-Fi,* 3G WWAN and 4G LTE* WWAN, ^a Near Field Communications (NFC).
Connectivity	Microsoft InstantGo wakes the tablet in under a second and connects instantly.

^aNot all features indicated may be offered on all SKUs.

Talk to your tablet supplier to understand more about how Intel Atom processor Z3700 Series-based tablets can benefit your business' users and IT, or go to www.intel.com.

^a Launching in Q1'14.

¹ The information in this document applies to the Intel Atom Processor Z3700 Series for both Windows 8 Pro tablets and Windows 8 Enterprise tablets.

² No computer system can provide absolute security under all conditions. Built-in security features available on select Intel® processors may require additional software, hardware, services and/or an Internet connection. Results may vary depending upon configuration. Consult your PC manufacturer for more details.

³ Source: Principled Technologies White Paper: Comparing the TCO of Intel Atom Processor-based Tablets vs. Alternatives in the Enterprise. For more information, see http://www.principledtechnologies.com/Intel/Atom_tablet_TCO_0313.pdf

⁴ Claims for Intel® Atom™ Processor Z3700 (up to 2.40GHz, 4T4C Silvermont, 2MB L2 Cache) are based on an internal Intel® Reference design tablet which is not available for purchase: 10" screen with 25x14 resolution, Intel Gen 7 HD Graphics, pre-production graphics driver, 2GB (2x1GB) LPDDR3-1067, 64GB eMMC solid state storage, 38.5 Whr battery. Measured using 3DMark® Ice Storm—a 3D graphics benchmark that measures 3D gaming performance compared to Intel Atom Processor Z2760. Find out more at www.futuremark.com. Individual results will vary. Commercial systems may be available after future Windows updates. Consult your system manufacturer for more details. Software and workloads used in performance tests may have been optimized for performance only on Intel microprocessors. Performance tests, such as SYSmark and MobileMark, are measured using specific computer systems, components, software, operations and functions. Any change to any of those factors may cause the results to vary. You should consult other information and performance tests to assist you in fully evaluating your contemplated purchases, including the performance of that product when combined with other products. For more information go to <http://www.intel.com/performance>.

⁵ Claims for Intel® Atom™ Processor Z3700 (up to 2.40GHz, 4T4C Silvermont, 2MB L2 Cache) are based on an internal Intel® Reference design tablet which is not available for purchase: 10" screen with 25x14 resolution, Intel Gen 7 HD Graphics, pre-production graphics driver, 2GB (2x1GB) LPDDR3-1067, 64GB eMMC solid state storage, 38.5 Whr battery. Measured using 3DMark® Ice Storm—a 3D graphics benchmark that measures 3D gaming performance compared to Intel Atom Processor Z2760. Find out more at www.futuremark.com. Individual results will vary. Commercial systems may be available after future Windows updates. Consult your system manufacturer for more details. Software and workloads used in performance tests may have been optimized for performance only on Intel microprocessors. Performance tests, such as SYSmark and MobileMark, are measured using specific computer systems, components, software, operations and functions. Any change to any of those factors may cause the results to vary. You should consult other information and performance tests to assist you in fully evaluating your contemplated purchases, including the performance of that product when combined with other products. For more information go to <http://www.intel.com/performance>.

⁶ Claims are based on an internal Intel® Reference design tablet and OEM pre-production system which are not available for purchase. Consult your system manufacturer for more details and product launches. Battery life is measured using a 1080p 10Mbps h.264 Elephants Dream video. Configuration: Intel® Atom™ Processor Z3740 (up to 1.86 GHz, 4T4C, Silvermont, 2 MB L2 Cache), OEM pre-production system, 10" screen with 1366x768 resolution, Intel Gen 7 HD Graphics, pre-production graphics driver, 2GB (2x1GB) LPDDR3-1067, 64GB eMMC solid state storage, 31 Whr battery, pre-release Windows update. In the device settings, disable all radios except Wi-Fi. Disable Intel® Display Power Saving Technology (DPST), set up the system to ~200 nits screen brightness using a full screen white background, and re-enable Intel® DPST. Turn OFF the adaptive brightness setting under Power Options in Control Panel. Set "Dim the display" to "never" on both battery and AC. Set "Put the computer to sleep" to "never" on both battery and AC. Wait 15 minutes after boot. Launch the default updated Windows® 8 Style UI video player, start the workload video in a loop, and disconnect the AC plug to start the test. Measure the time until battery is exhausted.

⁷ Measurements based on actual OEM devices, which may vary. Contact your system manufacturer for more details.

⁸ Built-in visual features are not enabled on all PCs and optimized software may be required. Check with your system manufacturer. Learn more at <http://www.intel.com/go/biv>.

⁹ No computer system can provide absolute security. Requires an enabled Intel® processor, enabled chipset, firmware, software and may require a subscription with a capable service provider (may not be available in all countries). Intel assumes no liability for lost or stolen data and/or systems or any other damages resulting thereof. Consult your Service Provider for availability and functionality. For more information, visit <http://www.intel.com/go/anti-theft>. Consult your system manufacturer and/or software vendor for more information.

¹⁰ No computer system can provide absolute security. Requires an Intel® Identity Protection Technology-enabled system, including an enabled Intel® processor, enabled chipset, firmware, software, and Intel integrated graphics (in some cases) and participating website/service. Intel assumes no liability for lost or stolen data and/or systems or any resulting damages. For more information, visit <http://ipit.intel.com/>. Consult your system manufacturer and/or software vendor for more information.

¹¹ No computer system can provide absolute security. Requires an enabled Intel® processor and software optimized for use of the technology. Consult your system manufacturer and/or software vendor for more information.

¹² Requires an Intel® Wireless Display enabled PC, compatible adapter, and TV. 1080p and Blu-Ray® or other protected content playback only available on Intel® Atom™ processor-based tablets with built-in visuals enabled. Consult your PC manufacturer. For more information, see <http://www.intel.com/go/widi>.

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