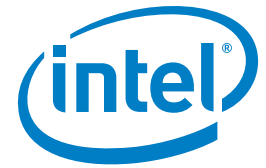


PRODUCT BRIEF

Intel® B75 Express Chipset -
Built for Small Business



Built-in IT Maintenance for Small Business

Intel® B75 Express Chipset and 3rd Generation Intel® Core™ Processors

Enhance your small business manageability and performance with the Intel® B75 Express Chipset and 3rd generation Intel® Core™ processors.



Enhanced Security and Productivity

With the Intel® B75 Express Chipset and 3rd generation Intel® Core™ processor family, small businesses are now enabled with Intel® Small Business Advantage (Intel® SBA). With Intel® SBA, the user can easily schedule the PC to power and perform security scans and data backups overnight. By also allowing you to set the PC to power on or off each morning, Intel SBA provides your small business with great capabilities.

Intel® Small Business Advantage

The Intel B75 Express Chipset with Intel SBA comes with built-in IT support.¹ Once configured, this state-of-the-art technology continually monitors your security software and alerts you if it's been compromised by viruses or malware.² It will automatically back-up your company's data and manage routine maintenance tasks like running software updates, defragging disk drives and deleting cookies and temporary Internet files after hours, so your employees won't be interrupted.^{2,3} PCs can also be configured to power on or off in set times in order to provide your small business with increased energy savings.

Smarter Performance

The combination of the Intel B75 Express Chipset and 3rd generation Intel Core processors delivers increased desktop performance for an incredible PC experience. You'll get maximum power for whatever you do, thanks to the combination

of smart features like Intel® Turbo Boost Technology 2.0⁴ and Intel® Hyper-Threading Technology,⁵ which together activate full processing power exactly where and when you need it.

Increased Responsiveness

Intel® Smart Connect Technology⁶ enables instant access to your data by allowing your content to be refreshed in the standby power state—all while minimizing power consumption. In addition to faster boot and resume times, Intel® Rapid Start Technology⁷ provides energy efficiency without sacrificing user experience.

Improved Built-In Visuals

With smart performance and built-in 3D visual and graphics support, the 3rd generation Intel Core processor family will add a new dimension to your PC experience.⁸ Intel® Quick Sync Video technology, our built-in hardware acceleration technology in all 3rd generation Intel Core processors, delivers astonishing video transcoding performance, enabling your PC to edit, burn, and share your content faster—without the need for add-in hardware. InTru™ 3D Technology⁹ delivers 3D movie playback without hesitation or interruption. The Intel B75 Express Chipset and 3rd generation Intel Core processors now come with built-in Intel® Wireless Display (Intel® WiDi),¹⁰ allowing users to view content from their desktop PC to an Intel® WiDi-enabled TV screen. The Intel B75 Express Chipset also supports up to three displays.¹¹

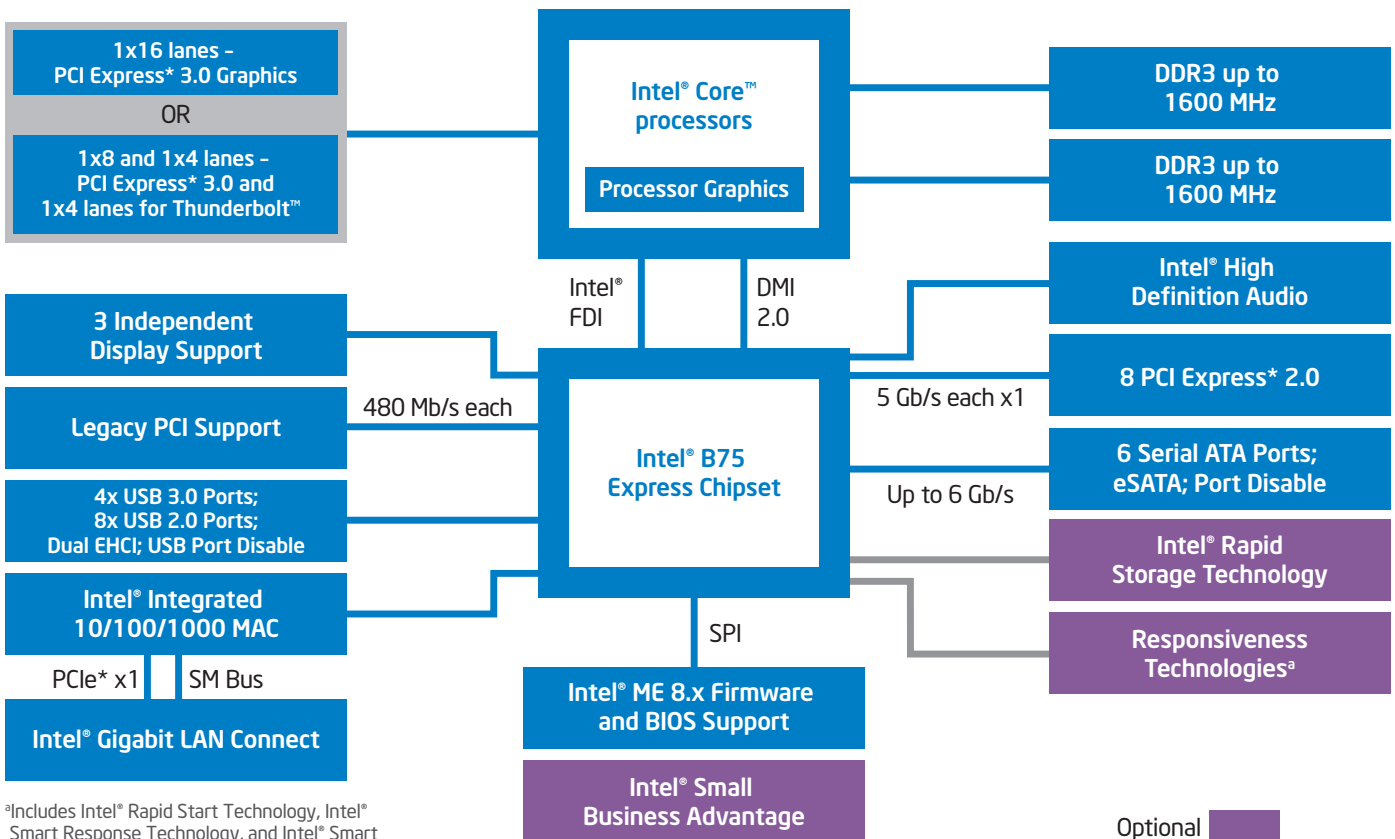
The Intel® 7 Series Chipsets deliver the latest platform features for superb system performance

Platforms based on the Intel B75 Express Chipset and 3rd generation Intel Core processors deliver the must-have capabilities to meet the needs of today's small businesses. The Intel B75 Express Chipset integrates several capabilities to provide flexibility for connecting I/O devices. Integrated USB 3.0 support provides faster device connectivity for faster data access.

The latest Intel® Rapid Storage Technology¹² enables the full Serial ATA (SATA) interface speed of up to 6 Gb/s to support next-generation Solid State Drives (SSDs) and traditional Hard Disk Drives (HDDs). In addition, the Intel B75 Express Chipset drives lower power through enhanced link power management of the Advanced Host Controller Interface (AHCI), enables easier expandability with support for native hot plug, and enhance boot and multitasking performance with Native Command Queuing (NCQ).

Intel® Rapid Recover Technology (part of the Intel Rapid Storage Technology suite) provides a fast, easy-to-use method for fast data recovery and returns system to previous operational status.

Intel® B75 Express Chipset Block Diagram



Intel® B75 Express Chipset Features at a Glance

Features	Benefits
Support for 2nd and 3rd Generation Intel® Core™ processors	<ul style="list-style-type: none"> Support for the 2nd and 3rd generation Intel® Core™ processors with Turbo Boost Technology 2.0,⁴ Intel® Pentium® processor, and Intel® Celeron® processor.
Intel® Small Business Advantage (Intel® SBA) ^{1,2,3}	<ul style="list-style-type: none"> Provides small businesses with out-the-box features to enhance the security and productivity of their small business.
Intel® Rapid Storage Technology ¹²	<ul style="list-style-type: none"> With additional hard drives added, provides quicker access to digital photo, video and data files with RAID 0, 5, and 10, and greater data protection against a hard disk drive failure with RAID 1, 5, and 10. Support for external SATA (eSATA) enables the full SATA interface speed outside the chassis, up to 3 Gb/s.
Intel® Rapid Recover Technology	<ul style="list-style-type: none"> Intel's latest data protection technology provides a recovery point that can be used to quickly recover a system should a hard drive fail or if there is data corruption. The clone can also be mounted as a read-only volume to allow a user to recover individual files.
Intel® High Definition Audio ¹³	<ul style="list-style-type: none"> Integrated audio support enables premium digital surround sound and delivers advanced features such as multiple audio streams and jack re-tasking.
Intel® Smart Connect Technology ⁶	<ul style="list-style-type: none"> Provides faster application refresh by allowing applications to be updated in a low power state.
Intel® Rapid Start Technology ⁷	<ul style="list-style-type: none"> Allows quick system resumes from the hibernate state.
Universal Serial Bus 3.0	<ul style="list-style-type: none"> Integrated USB 3.0 support, provides greater enhancement in performance with a design data rate of up to 5 gigabits per second (Gbps) with up to 4 USB 3.0 ports.
Universal Serial Bus 2.0	<ul style="list-style-type: none"> Hi-Speed USB 2.0 support with a design data rate of up to 480 megabits per second (Mbps) with up to 14 USB 2.0 ports.
USB 2.0 Rate Matching Hub	<ul style="list-style-type: none"> Enables lower power requirements and manages the transition of the communication data rate from the high speed of the host controller to the lower speed of USB full-speed/low-speed devices.
Serial ATA (SATA) 6 Gb/s	<ul style="list-style-type: none"> Next-generation high-speed storage interface supporting up to 6 Gb/s transfer rates for optimal data access with up to 2 SATA ports.
Serial ATA (SATA) 3 Gb/s	<ul style="list-style-type: none"> High-speed storage interface supporting up to 4 SATA ports.
eSATA	<ul style="list-style-type: none"> SATA interface designed for use with external SATA devices. Provides a link for 3 Gb/s data speeds to eliminate bottlenecks found with current external storage solutions.
SATA Port Disable	<ul style="list-style-type: none"> Enables individual SATA ports to be enabled or disabled as needed. This feature provides added protection of data by preventing malicious removal or insertion of data through SATA ports. Especially targeted for eSATA ports.
PCI Express 2.0* Interface	<ul style="list-style-type: none"> Offers up to 5 GT/s for fast access to peripheral devices and networking with up to 8 PCI Express 2.0 x1 ports, configurable as x2 and x4 depending on motherboard designs.
USB Port Disable	<ul style="list-style-type: none"> Enables individual USB ports to be enabled or disabled as needed. This feature provides added protection of data by preventing malicious removal or insertion of data through USB ports.
Intel® Integrated 10/100/1000 MAC	<ul style="list-style-type: none"> Support for the Intel® 82578DC Gigabit Network Connection.
Green Technology	<ul style="list-style-type: none"> Manufactured with lead-free and halogen-free component packages.

For more information, visit the Intel Web site: www.intel.com/content/www/us/en/chipsets/business-chipsets/laptop-desktop-business-chipsets.html

- ¹ Requires an Intel® Small Business Advantage enabled system and proper configuration. Availability of features will depend upon the setup and configuration by your PC manufacturer. Consult your system manufacturer.
- ² Requires an Intel® Small Business Advantage enabled system and a third-party security application pre-configured by your PC manufacturer. Certain maintenance tasks require internet access. For after hours feature to work, the PC must be connected to AC power.
- ³ Requires an Intel® Small Business Advantage enabled system and proper configuration. Data Backup & Restore may be replaced by your PC manufacturer. Consult your system manufacturer.
- ⁴ Requires a system with Intel® Turbo Boost Technology capability. Intel Turbo Boost Technology 2.0 is the next generation of Turbo Boost Technology and is only available on 2nd gen Intel® Core™ processors. Consult your PC manufacturer. Performance varies depending on hardware, software, and system configuration. For more information, visit <http://www.intel.com/technology/turboboost>.
- ⁵ Requires an Intel® HT Technology enabled system, check with your PC manufacturer. Performance will vary depending on the specific hardware and software used. Not available on Intel® Core™ i5-750. For more information including details on which processors support HT Technology, visit <http://www.intel.com/info/hyperthreading>.
- ⁶ Requires a select Intel® processor, Intel® software and BIOS update, and Internet connectivity. Solid state memory or drive equivalent may be required. Depending on system configuration, your results may vary. Contact your system manufacturer for more information.
- ⁷ Requires a select Intel® processor, Intel® software and BIOS update, and Intel® Solid-State Drive (SSD). Depending on system configuration, your results may vary. Contact your system manufacturer for more information.
- 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 Viewing stereo 3D content requires 3D glasses and a 3D-capable display. Physical risk factors may be present when viewing 3D material.
- ¹⁰ Requires an Intel® Wireless Display-enabled system, compatible adapter, and TV. 1080p and Blu ray* or other protected content playback only available on 2nd or 3rd gen Intel® Core™ processor-based PCs with built-in visuals enabled, a compatible adapter and media player, and supporting Intel WIDI software and graphics driver installed. Consult your PC manufacturer. For more information, see www.intel.com/go/widi.
- ¹¹ Requires the use of a 3rd Generation Intel® Core™ processor. This feature is dependent on your system configuration.
- ¹² Intel® Rapid Storage Technology requires the computer have an Intel RST-enabled Intel chipset and the Intel Rapid Storage Technology software driver installed. Please consult your system vendor for more information.
- ¹³ Requires an Intel® HD Audio enabled system. Consult your PC manufacturer for more information. Sound quality will depend on equipment and actual implementation. For more information about Intel® HD Audio, refer to <http://www.intel.com/design/chipsets/audiodio.htm>.

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