

# What should you look for in a portable PC?

Lighter, sleeker and more responsive than ever, the Ultrabook™ class of PCs is quickly becoming the smarter choice for computer buyers. But with new models and surprisingly convenient features becoming available everyday, how do you choose the right one?

## Ultra Thin, Ultra Light

Thinner and lighter than ever, the Ultrabook™ measures less than 1" thick and under 4 lbs.

## Built-In Security<sup>1</sup>

Keep your data safe by automatically disabling your Ultrabook™ in the event of loss or theft anywhere in the world.

## Always Connected

Automatically updates your email and favorite apps even on sleep mode. Wake up and you're up-to-date.

## Brilliant Performance

Experience enhanced visuals with an added burst of speed, thanks to built-in visual features and Intel® Turbo Boost Technology 2.0<sup>2</sup>.

## Wakes Up in a Flash<sup>3</sup>

Boots up in seconds, storing your active files and apps so you can work right away.

## Longer Battery Life

Energy efficient Intel® processors let you work or play for up to 7 hours, or several days on standby.

## BASIC PC DEFINITIONS

### PROCESSOR

Also known as 'chip' or 'CPU', the processor controls everything your computer does. It lets you do several things like work, email and surf - all at the same time. More powerful processors are better for more demanding tasks, so get one that performs a little above your current needs.

### RAM

The computer uses random access memory (RAM) to process what the user is doing as they are doing it. This includes multitasking, writing a letter, editing a photo or browsing a web site. 2GB of RAM should be enough for most of your everyday needs, and you can always upgrade and add more RAM later.

### CORES AND THREADS

Cores and Threads go hand-in-hand. Multi-core processors are single chips that contain two or more distinct processors or execution cores in the same integrated circuit. Multi-threading allows each core to work on two tasks at once, letting you do more things at the same time for faster results.

## Can't decide between notebook and tablet? **Don't.**

Whether you're looking for a notebook that works hard but travels easy, or a stylish, convenient way to show off your best work, some of today's Ultrabook™ models offer amazing features that blur the lines between a tablet and a notebook. Choose the feature you want and ask for it at the store.

Looking for an Ultrabook™?  
Find the right one at Intel.com



### Full-Sized Performance

Enjoy a sleeker device without sacrificing performance. Powered by 3rd Gen Intel® Core™ processors, the Ultrabook™ combines the performance of a full-sized notebook with the size and responsiveness of a tablet.

### Touch<sup>4</sup>

Touch<sup>4</sup> display allows you to interact with the stunning display of the Ultrabook™, delivering the ultimate in precision and control.

*Available on selected models only.*

### Convertible<sup>4</sup>

Incredibly versatile, the Ultrabook™ convertible<sup>4</sup> lets you transform your experience by flipping, sliding or swivelling your device to go from notebook to tablet.

*Available on selected models only.*

## BASIC PC DEFINITIONS

### GIGAHERTZ (GHZ)

A unit of measurement commonly used to express processor speed, also referred to as clock speed. 1 Gigahertz (GHz) = 1 billion cycles per second. A higher number used to mean a faster processor, but advances in technology have made chips more efficient. For this reason it's not advisable to compare performance based on Gigahertz or clock speed alone.

### INTEGRATED GRAPHICS

A graphics component needed to view images. Integrated graphics offers the performance for everyday tasks like watching HD videos, viewing photos and creating presentations. Standard in select Intel® Core™ processors, integrated graphics improve graphics performance and notebook battery life.

### CLOCK SPEED

Just like a stopwatch, clock speed measures how fast your processor performs one activity cycle. A faster clock speed enables your computer to execute instructions more quickly, benefitting most applications from games to photo editing and more. Clock speed rates are shown in gigahertz (GHz).

## Here are a few more Intel® technologies that make the Ultrabook™ so amazing.

### Intel® Rapid Start Technology<sup>5</sup>

From zero to go in seconds, the Intel® Rapid Start Technology<sup>5</sup> gives your Ultrabook™ the power to boot up in a flash because it recognizes and automatically stores your most frequently used files and applications where you can access them right away.

### Intel® Anti-Theft Technology<sup>7</sup>

The Intel® Anti-Theft Technology<sup>7</sup> protects your Ultrabook™ by disabling it if it's lost or stolen anywhere in the world. With Intel® Identity Protection Technology<sup>8</sup>, protect against identity theft on the Internet by making sure your favorite websites know it's you.<sup>7</sup>

### Intel® Smart Connect Technology<sup>6</sup>

With Intel® Smart Connect Technology<sup>6</sup> in your Ultrabook™, your email, favorite apps, and social networks are continually and automatically updated even when the system is asleep. No more waiting - just lift the lid and you're up-to-date.

<sup>1</sup> No computer system can provide absolute security under all conditions. Built-in security features available on select Intel® Core™ processors may require additional software, hardware, services, and/or an Internet connection. Results may vary depending upon configuration. Consult your system manufacturer and service provider for availability and functionality. Intel assumes no liability for lost or stolen data and/or systems or any other damages resulting thereof. For more information, visit <http://www.intel.com/technology/security>.

<sup>2</sup> Requires a system with Intel® Turbo Boost Technology. Intel® Turbo Boost Technology and Intel® Turbo Boost Technology 2.0 are only available on select Intel® processors. Consult your PC manufacturer. Performance varies depending on hardware, software, and system configuration. For more information, visit <http://www.intel.com/go/turbo>.

<sup>3</sup> Results have been estimated based on internal Intel analysis and are provided for informational purposes only. Any difference in system hardware or software design or configuration may affect actual performance.

<sup>4</sup> Touch and convertibility may not be available on all models. Consult your Ultrabook™ manufacturer. For more information and details, visit <http://www.intel.com/ultrabook>.

<sup>5</sup> 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.

<sup>6</sup> Intel® Smart Connect Technology requires a select Intel® processor, Intel® software and BIOS update, Intel® Wireless adapter, 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.

<sup>7</sup> No system can provide absolute security under all conditions. Requires an enabled chipset, BIOS, firmware and software, and a subscription with a capable Service Provider. Consult your system manufacturer and Service Provider for availability and functionality. Service 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. For more information, visit <http://www.intel.com/go/anti-theft>.

<sup>8</sup> No system can provide absolute security under all conditions. Requires an Intel® Identity Protection Technology-enabled system, including a 2nd or 3rd gen Intel® Core™ processor, enabled chipset, firmware, and software, and participating website. Consult your system manufacturer. Intel assumes no liability for lost or stolen data and/or systems or any resulting damages. For more information, visit <http://ipt.intel.com>.