



**Product No. NBHP06**



*HP EliteBook Mobile Workstation 8540w*

**Product Descriptions**

This laptop is an All-Purpose machine and fits a wide variety of needs. Laptops in this category are not built for high-performance gaming, but can handle most office or school-related tasks.

HP's Elitebook series represents the pinnacle of HP's business devices and offers quite a few unique features that allow a clear delimitation to the ProBooks positioned below them. Quad core CPUs, a FullHD display, USB 3.0 + eSATA, up to 4 RAM slots, among other things, are available for the HP 8540w.

**Product Details**

*Although care has been taken to ensure the accuracy of the information provided in this Product Specification, CTR is in no way liable for any errors, omissions or changes in specifications.*

**Features**

**Display**

The EliteBook Mobile Workstation 8540w has a 15.6 inch display. 15"-16" is the most popular display size range for laptops. They are great for entertainment, and provide more than enough space for work-related applications. The downside is that, at 15", you will start sacrificing portability for the larger screen, since laptops in this size range can be cumbersome to carry if you travel frequently.

**Graphics**

The graphics processor in this laptop is more than enough for day-to-day tasks such as video streaming and web browsing, however is only adequate for gaming. You will probably be able to run titles such as Skyrim, Grand Theft Auto V, and Battlefield 4 at very minimal graphics settings, assuming you have a decent processor and RAM.

**Processor**

**Speed:** At a clock speed of 1.86 GHz, it is 0.74 GHz slower than average for a laptop processor when compared to other laptop processors in the Core i7 series.

**Cores:** It is a quad-core processor, meaning that it will be very good at performing multiple tasks at the same time.

**Cache:** Its 8 MB cache is 2 MB larger than the average CPU cache in the Core i7 series.

**Battery**

The EliteBook Mobile Workstation 8540w has 5 hours of battery life. This laptop has an average battery life and can go a good part of the day without having to be plugged in.

**Memory**

The EliteBook Mobile Workstation 8540w has 8 GB of memory (RAM), which is desirable for a higher end laptop, and it will be able to handle running several applications at once.

**Dimensions**

This laptop is relatively thin, but weighs more than other laptops with displays in the 15-16 inch range. If you plan to frequently travel with this laptop, it may be uncomfortable to carry it around. The EliteBook Mobile Workstation 8540w has dimensions of 14.7 in. x 9.9 in. x 1.28 in.

**Storage**

The EliteBook Mobile Workstation 8540w can store 120 GB on a solid state drive (SSD). SSDs are currently the fastest storage medium on the market and are quickly taking the place of hard disk drives (HDD) as the dominant storage medium.

**Specifications**

<b>Processors</b>	Intel Core i7-820QM Processor (1.73-GHz, 8MB L3 cache)* Up to 3.06 GHz with Intel Turbo Boost Technology
<b>Memory</b>	DDR3 PC3-10600 SDRAM (1333 MHz)
<b>Max Supported Size</b>	8 GB
<b>Optical Drive</b>	DVD±RW (±R DL) / DVD-RAM – removable
<b>Display</b>	15.6 in diagonal 16:9 LED-backlit HD anti-glare (1366 x 768 resolution)
<b>Battery</b>	HP Long Life 8-cell 68 WHr Li-Ion Primary Battery
<b>Audio Codec</b>	IDT 92HD75B
<b>Input</b>	AC 120/230 V ( 50/60 Hz )
<b>Data Link Protocol</b>	Bluetooth 2.1 EDR, Ethernet, Fast Ethernet, Gigabit Ethernet, IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, IEEE 802.11n
<b>Wireless NIC</b>	Intel Centrino Ultimate-N 6300
<b>Hard Drive Capacity</b>	120 GB SSD
<b>Weight</b>	6.39 lbs
<b>Min Operating Temperature</b>	41 °F
<b>Max Operating Temperature</b>	95 °F

**Head Office Location**

