

# HP Envy 4-1002TX Portable Quickspecs

## Performance

### Microprocessor

**3rd Gen** Intel Core i5 Mobile Processor i5-3317U (Dual-Core)  
1.7 GHz, TurboBoost 2.0 up to 2.6 GHz, 3 MB SmartCache  
Intel AVX, Enhanced SpeedStep Technology, Intel 64  
Intel Hyper-Threading Technology, VT-x  
Intel HM77 Chipset

### Memory

4 GB PC3-12800 DDR3-1600 (12800 MB/s)  
2 SODIMM Slots (Max Upgrade to 16 GB by discard)

### Hard Drive

500 GB Serial ATA (150 MB/sec @ 5400 RPM)  
HP ProtectSmart HDD Protection  
32 GB Solid State Drive (mSATA)  
Faster Start-up, No Noise, No Moving Parts, Shock Tolerance

### Multi-Format Digital Media Reader

SD, SD-HC, SDXC, MMC

## Video & Audio

### Widescreen BrightView LED Display

14.0" (35.5cm) LED Backlit Widescreen  
1366 x 768 HD (720p) ; 16:9 True Wide Aspect Ratio

### Video Graphics

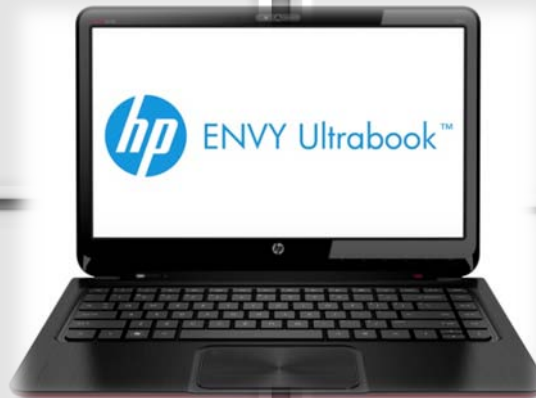
AMD Mobility Radeon HD 7670M (switchable graphics)  
2 GB Discrete DDR3 Memory  
Accelerated Parallel Processing Technology (APP) ; DirectX 11  
Unified Video Decoder 3<sup>rd</sup> Generation  
Up to 4302 MB TAG memory (as allocated by Windows 7)

### Audio / Speakers

Beats Audio with Highest Quality Sound  
High Definition Audio  
Dual Speakers with Internal Subwoofer

### Aluminium Finish

**Midnight Black with  
Soft touch Ruby Red  
Vertical Brushing Pattern**



## Communication

### LAN & PAN

**Wired LAN** - Integrated 10/100/1000  
**Wireless LAN** - Integrated Wireless 802.11b/g/n  
**PAN** - Integrated Bluetooth 4.0 +HS

### Interface

One HDMI v1.4 with HDCP Key  
Two USB 3.0 Ports (left side) ; One USB 2.0 Port (right side)  
One Headphone Out ; One Microphone-In  
One RJ-45 ; One VGA Out  
Kensington Lock Slot

### Webcam and Microphone

HP TrueVision Low Light HD Webcam -1280 x 720 by 24 frames  
Dual Digital Microphones

### Keyboard & Pointing Device

Dura-coat island-style Keyboard  
HP ImagePad - Image sensors built-in for accurate Multi-Touch  
Gesture support

### Battery

4 Cell Lithium Ion Polymer

## Software

**Operating System** - Windows 7 Home Basic. (64-bit)

### Additional Software

HP Connection Manager 4.1  
HP Power Manager | HP Launch Box  
HP CoolSense Technology

### Digital Entertainment

Adobe PhotoShop Elements 10  
Adobe Premier Elements 10  
Cyberlink YouCam

### Security and Maintenance

3D Drive Guard HDD Protection

### Recovery Kit

Recovery Manager Installer for Windows 7

**Dimensions (HxWxD)** - 0.78 x 13.38 x 9.28 inches

Note: Height varies depending upon where the measurement is made on the notebook

**Weight** - 1.75 Kgs / 3.86 lbs

\* Image shown is for illustration purpose only