



## HP ENVY dv6-7315tx Intel® Core™ i7 i7-3630QM Laptop 39,6 cm (15.6") HD 8 GB DDR3-SDRAM 1 TB HDD NVIDIA® GeForce® GT 635M Windows 8 Black

Brand : HP

Product family: ENVY

Product code: D5F66PA

Product name : dv6-7315tx



Intel Core i7-3630QM (2.4GHz, 6MB L3 cache), 8GB 1600MHz DDR3, 1TB 5400 rpm SATA, NVIDIA GeForce GT 635M 2GB, 15.6" HD BrightView LED 1366 x 768, Blu-ray/DVD Supermulti, Gigabit LAN, WLAN, Bluetooth, Windows 8 64 bit  
HP ENVY dv6-7315tx. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-3630QM, Processor frequency: 2,4 GHz. Display diagonal: 39,6 cm (15.6"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: Blu-Ray DVD Combo. Operating system installed: Windows 8. Product colour: Black

Design		Keyboard	
Product type *	Laptop	Pointing device	Touchpad
Product colour *	Black	Numeric keypad *	✓
Form factor *	Clamshell	Island-style keyboard	✓
Country of origin	China	Full-size keyboard	✓
Display		Software	
Display diagonal *	39,6 cm (15.6")	Operating system architecture	64-bit
Display resolution *	1366 x 768 pixels	Operating system installed *	Windows 8
Touchscreen *	✗	Bundled software	Cyberlink DVD Suite Cyberlink
HD type	HD		Youcam Omnicore International
LED backlight	✓		Music Station Adobe Flash Player
Native aspect ratio	16:9	Processor special features	
Display surface	Gloss	Intel® Wireless Display (Intel® WiDi)	✓
Display brightness	200 cd/m²	Intel® My WiFi Technology (Intel® MWT)	✓
Processor		Intel® Anti-Theft Technology (Intel® AT)	✓
Processor manufacturer *	Intel	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor family *	Intel® Core™ i7	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor generation	3rd gen Intel® Core™ i7	Intel® Turbo Boost Technology	2.0
Processor model *	i7-3630QM	Intel® Small Business Advantage (Intel® SBA)	✗
Processor cores	4	Enhanced Intel SpeedStep Technology	✓
Processor threads	8	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor boost frequency	3,4 GHz	Intel Clear Video Technology	✗
Processor frequency *	2,4 GHz	Intel® InTru™ 3D Technology	✓
System bus rate	5 GT/s	Intel® Insider™	✓
Processor cache	6 MB	Intel® Quick Sync Video Technology	✓
Processor cache type	Smart Cache	Intel Flex Memory Access	✓
Processor socket	PGA988		
Processor lithography	22 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i7-3600 Mobile series		
Processor codename	Ivy Bridge		
Bus type	DMI		
FSB Parity	✗		
Stepping	E1		

Processor		Processor special features	
Thermal Design Power (TDP)	45 W	Intel® Smart Cache	✓
Tjunction	105 °C	Intel® AES New Instructions (Intel® AES-NI)	✓
Maximum number of PCI Express lanes	16	Intel Trusted Execution Technology	✗
PCI Express slots version	3.0	Intel Enhanced Halt State	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel VT-x with Extended Page Tables (EPT)	✓
CPU multiplier (bus/core ratio)	24	Intel Demand Based Switching	✗
ECC supported by processor	✗	Intel® Secure Key	✓
Memory		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Internal memory *	8 GB	Intel 64	✓
Internal memory type	DDR3-SDRAM	Execute Disable Bit	✓
Memory clock speed	1600 MHz	Idle States	✓
Memory slots	2x SO-DIMM	Thermal Monitoring Technologies	✓
Maximum internal memory *	16 GB	Processor package size	37.5 x 37.5 (rPGA988B)
Storage		Supported instruction sets	AVX
Total storage capacity *	1 TB	Processor code	SR0UX
Storage media *	HDD	CPU configuration (max)	1
Number of hard drives installed	1	Embedded options available	✗
Hard drive capacity	1 TB	Graphics & IMC lithography	22 nm
Hard drive interface	SATA	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Hard drive speed	5400 RPM	Intel Identity Protection Technology version	1,00
Optical drive type *	Blu-Ray DVD Combo	Intel Secure Key Technology version	1,00
Card reader integrated	✓	Intel Virtualization Technology (VT-x)	✓
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel Dual Display Capable Technology	✓
Graphics		Intel FDI Technology	✓
Discrete graphics card model *	NVIDIA® GeForce® GT 635M	Intel Rapid Storage Technology	✗
Discrete graphics card memory	2 GB	Intel Fast Memory Access	✓
Discrete graphics memory type	GDDR3	Processor ARK ID	71459
On-board graphics card *	✓	Conflict-Free processor	✓
Discrete graphics card *	✓	Integrated 4G WiMAX	✓
On-board graphics card family	Intel® HD Graphics	Battery	
On-board graphics card model *	Intel® HD Graphics 4000	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card base frequency	650 MHz	Number of battery cells	6
On-board graphics card dynamic frequency (max)	1150 MHz	Power	
On-board graphics card ID	0x166	DC-in jack	✓
Audio		Security	
Audio system	Beats Audio	Cable lock slot	✗
Number of built-in speakers	4	Operational conditions	
Built-in microphone	✓	Operating temperature (T-T)	5 - 35 °C
Network		Storage temperature (T-T)	-20 - 60 °C
Wi-Fi	✓	Operating relative humidity (H-H)	10 - 90%
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Storage relative humidity (H-H)	5 - 95%
Ethernet LAN	✓	Operating altitude	-15 - 3048 m
Ethernet LAN data rates	10,100,1000 Mbit/s	Non-operating altitude	-15 - 12192 m
Bluetooth	✓	Weight & dimensions	
Cabling technology	10/100/1000Base-T(X)	Width	378 mm
Ports & interfaces		Depth	247 mm
USB 2.0 ports quantity *	1	Height	32,5 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Weight *	2,57 kg
Ethernet LAN (RJ-45) ports	1		
HDMI ports quantity *	1		
DVI port	✗		
VGA (D-Sub) ports quantity	1		
Headphone outputs	2		

Ports & interfaces		Packaging content	
S/PDIF out port	✗	AC adapter included *	✓
Microphone in	✓	Other features	
Docking connector	✗	LightScribe	✗
ExpressCard slot	✗	3D	✗
CardBus PCMCIA slot type	✗		
SmartCard slot	✗		
Headphone connectivity	3.5 mm		
Microphone connectivity	3.5 mm		



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