



HP Pavilion dv8-1110eb Intel® Core™ i7 i7-720QM 18.4" 6 GB DDR3-SDRAM 1 TB NVIDIA® GeForce® GT 230M Windows 7 Home Premium

Brand : HP

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Product name : Pavilion dv8-1110eb



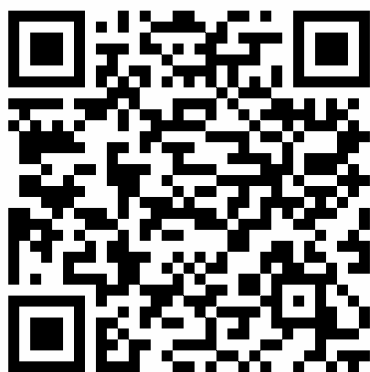
Intel Core i7-720QM (1.6GHz, 6MB L3), 18.4" HD Ultra BrightView (1920 x 1080), 6144MB DDR3, 1TB (2 x 500GB) SATA 7200 rpm, LightScribe Blu-ray ROM/SuperMulti DVD±RW DL, NVIDIA GeForce GT 230M 1024MB / 2815MB, WLAN 802.11a/b/g/n, 5-in-1, webcam, Tv-tuner DVB-T + remote, Windows 7 Home Premium 64-bit

HP Pavilion dv8-1110eb. Processor family: Intel® Core™ i7, Processor model: i7-720QM, Processor frequency: 1.6 GHz. Display diagonal: 18.4", Display resolution: 1920 x 1080 pixels. Internal memory: 6 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 1 TB. Discrete graphics card model: NVIDIA® GeForce® GT 230M. Operating system installed: Windows 7 Home Premium. Weight: 8.77 lbs (3.98 kg)

Design		Processor special features	
Country of origin	China	Intel® Wireless Display (Intel® WiDi)	×
Display		Intel® My WiFi Technology (Intel® MWT)	×
Display diagonal *	18.4"	Intel® Anti-Theft Technology (Intel® AT)	×
Display resolution *	1920 x 1080 pixels	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Native aspect ratio	16:9	Intel® Turbo Boost Technology	1.0
Processor		Enhanced Intel SpeedStep Technology	✓
Processor manufacturer *	Intel	Intel® Clear Video HD Technology (Intel® CVT HD)	×
Processor family *	Intel® Core™ i7	Intel Clear Video Technology	×
Processor generation	Intel® Core™ i7	Intel® InTru™ 3D Technology	×
Processor model *	i7-720QM	Intel® Insider™	×
Processor cores	4	Intel® Quick Sync Video Technology	×
Processor threads	8	Intel Flex Memory Access	×
Processor boost frequency	2.8 GHz	Intel® Smart Cache	✓
Processor frequency *	1.6 GHz	Intel® AES New Instructions (Intel® AES-NI)	×
System bus rate	2.5 GT/s	Intel Trusted Execution Technology	✓
Processor cache	6 MB	Intel Enhanced Halt State	✓
Processor cache type	Smart Cache	Intel VT-x with Extended Page Tables (EPT)	✓
Processor socket	Socket 988	Intel Demand Based Switching	×
Processor lithography	45 nm	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	×
Processor operating modes	64-bit	Intel 64	✓
Processor series	Intel Core i7-700 Mobile Series	Execute Disable Bit	✓
Processor codename	Clarksfield	Idle States	✓
Bus type	DMI	Thermal Monitoring Technologies	✓
FSB Parity	×		
Stepping	B1		
Thermal Design Power (TDP)	45 W		
Tjunction	100 °C		
Maximum number of PCI Express lanes	16		
PCI Express slots version	2.0		
PCI Express configurations	1x16, 2x8		

Processor		Processor special features	
Number of Processing Die Transistors	774 M	Processor package size	37.5 x 37.5 mm
Processing Die size	296 mm²	Supported instruction sets	SSE4.2
CPU multiplier (bus/core ratio)	12	Processor code	SLBLY
ECC supported by processor	✗	Physical Address Extension (PAE)	✓
Memory		Physical Address Extension (PAE)	36 bit
Internal memory *	6 GB	CPU configuration (max)	1
Internal memory type	DDR3-SDRAM	Embedded options available	✗
Memory slots	2x SO-DIMM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Maximum internal memory *	8 GB	Intel Virtualization Technology (VT-x)	✓
Storage		Intel Dual Display Capable Technology	✗
Total storage capacity *	1 TB	Intel FDI Technology	✗
Total HDDs capacity	1 TB	Intel Rapid Storage Technology	✗
Number of HDDs installed	2	Intel Fast Memory Access	✗
HDD capacity	500 GB	Processor ARK ID	43122
HDD interface	SATA	Conflict-Free processor	✗
HDD speed	7200 RPM	Battery	
Card reader integrated	✓	Number of battery cells	4
Compatible memory cards	MMC, MS PRO, SD, xD	Power	
Graphics		DC-in jack	✓
Discrete graphics card model *	NVIDIA® GeForce® GT 230M	Security	
Discrete graphics card *	✓	Cable lock slot	✓
Maximum graphics card memory	2.815 GB	Cable lock slot type	Kensington
Network		Fingerprint reader	✓
Networking features	Gigabit Ethernet	Weight & dimensions	
Bluetooth	✗	Width	17.2" (436 mm)
Ports & interfaces		Depth	11.3" (286 mm)
USB 2.0 ports quantity *	4	Height (front)	1.33" (3.37 cm)
eSATA ports quantity	1	Height (rear)	1.72" (4.37 cm)
Ethernet LAN (RJ-45) ports	1	Weight *	8.77 lbs (3.98 kg)
HDMI ports quantity *	1	Other features	
DVI port	✗	Wireless technology	IEEE 802.11a/b/g/n
VGA (D-Sub) ports quantity	1	LightScribe	✓
Firewire (IEEE 1394) ports	1	Infrared data port	✗
Headphone outputs	1	Type	PC
S/PDIF out port	✗	Display	LCD
Microphone in	✓	TV-in port	✗
Docking connector	✗	Internal modem	✗
ExpressCard slot	✓	Keyboard	
CardBus PCMCIA slot type	✗	Pointing device	Touchpad
SmartCard slot	✓	Software	
TV-out	✗	Operating system installed *	Windows 7 Home Premium

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