



## HP Compaq Elite 8100 Elite Intel® Core™ i5 i5-750 4 GB DDR3-SDRAM 640 GB AMD Radeon HD 4650 DP Windows 7 Professional Mini Tower PC Black

**Brand :** HP

**Product family:** Compaq Elite

**Product code:**  
WJ991ET#UUZ#\*B4

**Product name :** 8100 Elite

Compaq 8100 Elite Convertible Minitower PC, Intel Core i5-750 (2.66 GHz, 8M Cache), 4GB (2x 2048MB) DDR3, 640GB (2x 320GB) SATA 7200RPM HDD, ATI Radeon HD 4650 DP 1024MB, DVD+/-RW SuperMulti, Gigabit Ethernet, Windows 7 Professional + LP2275w

HP Compaq Elite 8100 Elite. Processor frequency: 2,66 GHz, Processor family: Intel® Core™ i5, Processor model: i5-750. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM, Memory clock speed: 1333 MHz. Total storage capacity: 640 GB, Card reader integrated, Optical drive type: DVD Super Multi. Discrete graphics card model: AMD Radeon HD 4650 DP. Operating system installed: Windows 7 Professional. Chassis type: Mini Tower. Product type: PC. Weight: 15,4 kg. Product colour: Black



Processor		Software	
Processor manufacturer *	Intel	Operating system installed *	Windows 7 Professional
Processor family *	Intel® Core™ i5	Trial software	Microsoft Office McAfee Anti-virus
Processor generation	Intel® Core™ i5		HP ProtectTools Security Suite HP
Processor model *	i5-750		Software Management Agent PDF
Processor cores	4	Bundled software	Complete HP Power Manager HP
Processor threads	4		Firefox Virtual Browser Computer
Processor boost frequency	3,2 GHz		Setup Utility Roxio Creator Business
Processor frequency *	2,66 GHz		Corel WinDVD
Processor socket	LGA 1156 (Socket H)	<b>Processor special features</b>	
Processor cache	8 MB	Intel® Wireless Display (Intel® WiDi)	×
Processor cache type	Smart Cache	Intel 64	✓
Processor front side bus	1333 MHz	Enhanced Intel SpeedStep Technology	✓
System bus rate	2,5 GT/s	Embedded options available	✓
Bus type	DMI	Intel® InTru™ 3D Technology	×
FSB Parity	×	Intel® Insider™	×
Processor lithography	45 nm	Intel® Clear Video HD Technology (Intel® CVT HD)	×
Processor operating modes	64-bit	Intel Clear Video Technology	×
Processor series	Intel Core i5-700 Desktop Series	Intel VT-x with Extended Page Tables (EPT)	✓
Processor codename	Lynnfield	Idle States	✓
Thermal Design Power (TDP)	95 W	Thermal Monitoring Technologies	×
Tcase	72,7 °C	Intel® AES New Instructions (Intel® AES-NI)	×
PCI Express slots version	2.0	Intel Trusted Execution Technology	×
Maximum number of PCI Express lanes	16		
PCI Express configurations	1x16, 2x8		
Number of processors installed	1		

Processor		Processor special features	
Number of Processing Die Transistors	774 M	Execute Disable Bit	✓
Processing Die size	296 mm²	Intel FDI Technology	✗
Stepping	B1	Intel Flex Memory Access	✗
CPU multiplier (bus/core ratio)	20	Intel Fast Memory Access	✗
Maximum internal memory supported by processor	16 GB	Intel Enhanced Halt State	✓
Memory types supported by processor	DDR3-SDRAM	Intel Demand Based Switching	✗
Memory clock speeds supported by processor	1066,1333 MHz	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Memory bandwidth supported by processor (max)	21 GB/s	Processor package size	37.5 x 37.5 mm
ECC supported by processor	✗	Supported instruction sets	SSE4.2
Memory		Physical Address Extension (PAE)	36 bit
Internal memory *	4 GB	CPU configuration (max)	1
Maximum internal memory *	16 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Internal memory type	DDR3-SDRAM	Intel Virtualization Technology (VT-x)	✓
Memory layout (slots x size)	2 x 2 GB	Intel Dual Display Capable Technology	✗
Memory slots	4x DIMM	Intel Rapid Storage Technology	✗
Memory clock speed	1333 MHz	Processor ARK ID	42915
Memory channels	Dual-channel	Intel® Turbo Boost Technology	1.0
Storage		Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Total storage capacity *	640 GB	Intel® Quick Sync Video Technology	✗
Optical drive type *	DVD Super Multi	Intel® My WiFi Technology (Intel® MWT)	✗
Number of hard drives installed	2	Intel® Anti-Theft Technology (Intel® AT)	✗
Hard drive interface	SATA	Conflict-Free processor	✗
Hard drive speed	7200 RPM	Operational conditions	
Card reader integrated	✓	Operating temperature (T-T)	10 - 35 °C
Graphics		Operating relative humidity (H-H)	10 - 90%
On-board graphics card *	✗	Weight & dimensions	
Discrete graphics card model *	AMD Radeon HD 4650 DP	Width *	444,5 mm
Discrete graphics card memory	1 GB	Depth *	447,8 mm
Network		Height *	177,8 mm
Ethernet LAN *	✓	Weight *	15,4 kg
Ethernet LAN data rates	10,100,1000 Mbit/s	Display	
Wi-Fi *	✗	Display included *	✓
Ports & interfaces		Display diagonal	55,9 cm (22")
USB 2.0 ports quantity *	10	Display resolution	1680 x 1050 pixels
VGA (D-Sub) ports quantity	1	Contrast ratio (typical)	1000:1
DVI port	✓	Touchscreen	✗
DisplayPorts quantity	3	Display brightness	300 cd/m²
PS/2 ports quantity	2	Viewing angle, horizontal	178°
Ethernet LAN (RJ-45) ports	1	Viewing angle, vertical	178°
Microphone in	✓	Other features	
Headphone outputs	6	Power requirements	AC 100 - 240V@50 - 60Hz
Line-out	✓	LightScribe	✓
Line-in	✓	Display	LP2275w
Serial ports quantity	1	TV tuner integrated	✗
Expansion slots		Handheld remote control	✗
PCI Express x1 slots	1	External drive bays	3x 5.25"
PCI Express x16 slots	2	Internal drive bays	3x 3.5"
PCI slots	3	Networking features	Gigabit Ethernet
Design		Graphics card family	AMD
Chassis type *	Mini Tower	Floppy drive installed	✗
Product colour *	Black		
Country of origin	China		

Performance

Audio system	High Definition Audio
Product type *	PC

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