



## HP Compaq Elite Compaq 8100 Elite CMT Intel® Core™ i3 i3-550 4 GB DDR3-SDRAM 320 GB HDD Windows 7 Professional Mini Tower

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**Brand :** HP

**Product family:** Compaq Elite

**Product code:** XP125ES

**Product name :** Compaq 8100  
Elite CMT



Processor		Design	
Processor manufacturer *	Intel	Chassis type *	Mini Tower
Processor family *	Intel® Core™ i3	Product colour *	Black
Processor generation	Intel® Core™ i3	Country of origin	China
Processor model *	i3-550	Performance	
Processor cores	2	Product type *	PC
Processor threads	4	Software	
Processor frequency *	3.2 GHz	Operating system installed *	Windows 7 Professional
Processor socket	LGA 1156 (Socket H)	Processor special features	
Processor cache	4 MB	Intel® Wireless Display (Intel® WiDi)	✗
Processor cache type	Smart Cache	Intel 64	✓
System bus rate	2.5 GT/s	Enhanced Intel SpeedStep Technology	✓
Bus type	DMI	Embedded options available	✗
FSB Parity	✗	Intel® InTru™ 3D Technology	✗
Processor lithography	32 nm	Intel® Insider™	✗
Processor operating modes	64-bit	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor series	Intel Core i3-500 Desktop Series	Intel Clear Video Technology	✗
Processor codename	Clarkdale	Intel VT-x with Extended Page Tables (EPT)	✓
Thermal Design Power (TDP)	73 W	Idle States	✓
Tcase	72.6 °C	Thermal Monitoring Technologies	✗
PCI Express slots version	2.0		
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	382 M	Intel® AES New Instructions (Intel® AES-NI)	✗
Processing Die size	81 mm <sup>2</sup>	Intel Trusted Execution Technology	✗
Stepping	K0	Execute Disable Bit	✓
CPU multiplier (bus/core ratio)	24	Intel FDI Technology	✓
Maximum internal memory supported by processor	16 GB	Intel Flex Memory Access	✗
Memory types supported by processor	DDR3-SDRAM	Intel Fast Memory Access	✗
Memory clock speeds supported by processor	1066,1333 MHz	Intel Enhanced Halt State	✓
Memory bandwidth supported by processor (max)	21 GB/s	Intel Demand Based Switching	✗
ECC supported by processor	✗	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Memory		Processor package size	37.5 x 37.5 mm
Internal memory *	4 GB	Supported instruction sets	SSE4.2
Maximum internal memory *	16 GB	Processor code	SLBUD
Internal memory type	DDR3-SDRAM	Physical Address Extension (PAE)	✓
Memory channels	Dual-channel	Physical Address Extension (PAE)	36 bit
Storage		CPU configuration (max)	1
Total storage capacity *	320 GB	Graphics & IMC lithography	45 nm
Storage media *	HDD	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Optical drive type *	DVD Super Multi	Intel Virtualization Technology (VT-x)	✓
Total HDDs capacity	320 GB	Intel Dual Display Capable Technology	✓
HDD interface	SATA	Intel Rapid Storage Technology	✗
HDD speed	7200 RPM	Processor ARK ID	48505
Graphics		Intel® Turbo Boost Technology	✗
On-board graphics card *	✓	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
On-board graphics card family	Intel® HD Graphics	Intel® Quick Sync Video Technology	✗
On-board graphics card model *	Intel® HD Graphics	Intel® My WiFi Technology (Intel® MWT)	✗
On-board graphics card base frequency	733 MHz	Intel® Anti-Theft Technology (Intel® AT)	✗
Number of displays supported (on-board graphics)	2	Conflict-Free processor	✗
Network		Weight & dimensions	
Ethernet LAN *	✓	Width *	177.8 mm
Wi-Fi *	✗	Depth *	478.8 mm
Ports & interfaces		Height *	444.5 mm
USB 2.0 ports quantity *	10	Weight *	11.2 kg
VGA (D-Sub) ports quantity	1	Display	
DVI port	✗	Display included *	✗
DisplayPorts quantity	1	Other features	
PS/2 ports quantity	2	TV tuner integrated	✗
Ethernet LAN (RJ-45) ports	1	Remote control included	✗
Microphone in	✓	External drive bays	3 x 13.3cm (5.25")
Headphone outputs	1	Internal drive bays	3 x 8.9cm (3.5")
Line-out	✓	Floppy drive installed	✗
Line-in	✓		
Serial ports quantity	1		
Expansion slots			
PCI Express x1 slots	1		
PCI Express x16 slots	2		

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