![HP]

HP Compaq CQ1500LA + CQ1569 Intel Atom® D510 1 GB DDR2-SDRAM 250 GB Intel® GMA 3150 Windows 7 Starter SFF PC Black

Brand : HP

Product family: Compaq

Product code:
BZ019AA+MONITOR

Product name : CQ1500LA + CQ1569

HP Compaq CQ1500LA + CQ1569. Processor frequency: 1.66 GHz, Processor family: Intel Atom®, Processor model: D510. Internal memory: 1 GB, Internal memory type: DDR2-SDRAM. Total storage capacity: 250 GB, Card reader integrated, Optical drive type: DVD Super Multi. On-board graphics card model: Integrated, Discrete graphics card model: Intel® GMA 3150. Operating system installed: Windows 7 Starter, Operating system architecture: 32-bit. Chassis type: SFF. Product type: PC. Product colour: Black

Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Wireless Display (Intel® WiDi)	✗
Processor family *	Intel Atom®	Intel 64	✔
Processor model *	D510		
Processor cores	2	Enhanced Intel SpeedStep Technology	✗
Processor threads	4		
Processor frequency *	1.66 GHz	Embedded options available	✔
Processor socket	BGA 559	Intel® InTru™ 3D Technology	✗
Processor cache	1 MB	Intel® Insider™	✗
Processor cache type	L2	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Bus type	DMI		
FSB Parity	✗	Intel Clear Video Technology	✗
Processor lithography	45 nm	Intel VT-x with Extended Page Tables (EPT)	✗
Processor operating modes	64-bit		
Processor series	Intel Atom D500 Series	Idle States	✗
Processor codename	Pineview	Thermal Monitoring Technologies	✗
Thermal Design Power (TDP)	13 W	Intel® AES New Instructions (Intel® AES-NI)	✗
Tjunction	100 °C		
Number of Processing Die Transistors	176 M	Intel Trusted Execution Technology	✗
		Execute Disable Bit	✔
Processing Die size	87 mm²	Intel FDI Technology	✗
Stepping	B0	Intel Flex Memory Access	✗
Maximum internal memory supported by processor	4 GB	Intel Fast Memory Access	✗
Memory types supported by processor	DDR2 667/800	Intel Enhanced Halt State	✗
		Intel Demand Based Switching	✗
Memory bandwidth supported by processor (max)	6.4 GB/s	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
ECC supported by processor	✗		
		Processor package size	22 x 22 mm
		Supported instruction sets	SSE2, SSE3, SSSE3

Memory

Internal memory *	1 GB
Maximum internal memory *	4 GB
Internal memory type	DDR2-SDRAM
Memory layout (slots x size)	1 x 1 GB
Memory slots	2x SO-DIMM
Memory channels	Single-channel

Storage

Total storage capacity *	250 GB
Optical drive type *	DVD Super Multi
HDD interface	SATA
HDD speed	7200 RPM
Card reader integrated	✔
Compatible memory cards	Memory Stick (MS), MMC, MS PRO, SD, SDHC, xD

Graphics

On-board graphics card *	✔
Discrete graphics card model *	Intel® GMA 3150
On-board graphics card model *	Integrated

Network

Ethernet LAN *	✔
Wi-Fi *	✘

Ports & interfaces

USB 2.0 ports quantity *	6
VGA (D-Sub) ports quantity	1
DVI port	✘
Ethernet LAN (RJ-45) ports	1
Microphone in	✔
Headphone outputs	1

Design

Chassis type *	SFF
Product colour *	Black
Country of origin	China

Performance

Product type *	PC

Software

Operating system installed *	Windows 7 Starter
Operating system architecture	32-bit

Processor special features

Processor code	SLBLA
Physical Address Extension (PAE)	32 bit
Intel Virtualization Technology for Directed I/O (VT-d)	✘
Intel Virtualization Technology (VT-x)	✘
Intel Dual Display Capable Technology	✘
Intel Rapid Storage Technology	✘
Processor ARK ID	43098
Intel® Turbo Boost Technology	✘
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Quick Sync Video Technology	✘
Intel® My WiFi Technology (Intel® MWT)	✘
Intel® Anti-Theft Technology (Intel® AT)	✘
Conflict-Free processor	✘

Weight & dimensions

Width *	184.7 mm
Depth *	74.8 mm
Height *	257 mm
Weight *	3.2 kg

Display

Display included *	✔
Display diagonal	39.6 cm (15.6")
Display resolution	1366 x 768 pixels
Native aspect ratio	16:9
Contrast ratio (typical)	400:1

Other features

LightScribe	✔
Networking features	Ethernet, Fast Ethernet
Graphics card family	Intel

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