![Lenovo]

Lenovo Essential H500s Intel® Celeron® J1800 4 GB DDR3-SDRAM 500 GB HDD Windows 8.1 SFF PC Black

Brand : Lenovo   **Product family:** Essential   **Product code:** 57327931

Product name : H500s

Intel Celeron J1800 (1M Cache, 2.41 GHz), 4GB DDR3 RAM, 500GB HDD, Intel HD Graphics, Gigabit Ethernet, Wi-Fi 802.11b/g/n, DVD-RW, Windows 8.1 64-bit
Lenovo Essential H500s. Processor frequency: 2.41 GHz, Processor family: Intel® Celeron®, Processor model: J1800. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM, Memory clock speed: 1600 MHz. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD-RW. On-board graphics card model: Intel® HD Graphics. Operating system installed: Windows 8.1, Operating system architecture: 64-bit. Chassis type: SFF. Product type: PC. Product colour: Black

Processor		Software	
Processor manufacturer *	Intel	Operating system installed *	Windows 8.1
Processor family *	Intel® Celeron®	Operating system architecture	64-bit
Processor model *	J1800	**Processor special features**	
Processor cores	2		
Processor threads	2	Intel® Wireless Display (Intel® WiDi)	✘
Processor boost frequency	2.58 GHz	Intel 64	✔
Processor frequency *	2.41 GHz	Enhanced Intel SpeedStep Technology	✔
Processor socket	BGA 1170		
Processor cache	1 MB	Embedded options available	✘
Processor cache type	L2	Intel® InTru™ 3D Technology	✘
FSB Parity	✘	Intel® Insider™	✘
Processor lithography	22 nm	Intel® Clear Video HD Technology (Intel® CVT HD)	✘
Processor operating modes	32-bit, 64-bit		
Processor series	Intel Celeron Processor J1000 series for Desktop	Intel Clear Video Technology	✘
Processor codename	Bay Trail	Intel VT-x with Extended Page Tables (EPT)	✘
Thermal Design Power (TDP)	10 W	Thermal Monitoring Technologies	✘
Tjunction	105 °C	Intel Stable Image Platform Program (SIPP)	✘
PCI Express slots version	2.0		
Maximum number of PCI Express lanes	4	Intel® AES New Instructions (Intel® AES-NI)	✘
PCI Express configurations	1x4	Intel Trusted Execution Technology	✘
Number of processors installed	1	Execute Disable Bit	✔
Stepping	B3	Intel FDI Technology	✘
Maximum internal memory supported by processor	8 GB	Intel Flex Memory Access	✘
Memory types supported by processor	DDR3L-SDRAM	Intel Fast Memory Access	✘
		Intel Enhanced Halt State	✘
Memory clock speeds supported by processor	1333 MHz	Intel Demand Based Switching	✘
ECC supported by processor	✘	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✘

Memory

Internal memory *	4 GB
Maximum internal memory *	8 GB
Internal memory type	DDR3-SDRAM
Memory layout (slots x size)	1 x 4 GB
Memory clock speed	1600 MHz
Memory channels	Dual-channel

Storage

Total storage capacity *	500 GB
Storage media *	HDD
Optical drive type *	DVD-RW
Number of storage drives installed	1
Number of HDDs installed	1
HDD capacity	500 GB
HDD interface	SATA
HDD speed	7200 RPM
Card reader integrated	✔

Graphics

On-board graphics card *	✔
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics
On-board graphics card base frequency	688 MHz
On-board graphics card dynamic frequency (max)	792 MHz
Number of displays supported (on-board graphics)	2

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 4 (802.11n)
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)

Ports & interfaces

USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
VGA (D-Sub) ports quantity	1
DVI port	✘
Ethernet LAN (RJ-45) ports	1
Microphone in	✔
Headphone outputs	1
Line-out	✔
Line-in	✔

Design

Chassis type *	SFF
Water cooling system	✘
Product colour *	Black

Performance

Product type *	PC

Processor special features

Processor package size	25 X 27 mm
Processor code	SR1SD
Physical Address Extension (PAE)	36 bit
CPU configuration (max)	1
Intel Virtualization Technology for Directed I/O (VT-d)	✘
Intel Identity Protection Technology version	0.00
Intel Stable Image Platform Program (SIPP) version	0.00
Intel Virtualization Technology (VT-x)	✔
Intel Small Business Advantage (SBA) version	0.00
Intel Dual Display Capable Technology	✘
Intel Rapid Storage Technology	✘
Processor ARK ID	78866
Intel® Smart Response Technology	✘
Intel® Rapid Start Technology	✘
Intel® Turbo Boost Technology	✘
Intel Smart Connect Technology	✘
Intel® Hyper Threading Technology (Intel® HT Technology)	✘
Intel® Quick Sync Video Technology	✔
Intel® My WiFi Technology (Intel® MWT)	✘
Intel® Identity Protection Technology (Intel® IPT)	✘
Intel® Anti-Theft Technology (Intel® AT)	✘
Conflict-Free processor	✔

Weight & dimensions

Width *	105 mm
Depth *	385 mm
Height *	305 mm
Weight *	5 kg

Packaging content

Mouse included	✘
Keyboard included	✘

Display

Display included *	✘

Other features

Optical drives quantity	1

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