DELL Inspiron 620s Intel® Core™ i3 i3-2120 2 GB DDR3-SDRAM 500 GB FreeDOS PC Black

Brand : DELL   **Product family:** Inspiron   **Product code:** DLDT0357

Product name : 620s

Intel Core i3-2120 Processor (3M Cache, 3.30 GHz), 18.5" TFT, 2GB DDR3, 500GB HDD, DVD Super Multi, Gigabit Ethernet, DOS
DELL Inspiron 620s. Processor frequency: 3.3 GHz, Processor family: Intel® Core™ i3, Processor model: i3-2120. Internal memory: 2 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Card reader integrated, Optical drive type: DVD Super Multi. On-board graphics card model: Intel® HD Graphics 2000. Operating system installed: FreeDOS. Product type: PC. Weight: 7.3 kg. Product color: Black

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i3
Processor generation	2nd gen Intel® Core™ i3
Processor model *	i3-2120
Processor cores	2
Processor threads	4
Processor frequency *	3.3 GHz
Processor socket	LGA 1155 (Socket H2)
Processor cache	3 MB
Processor cache type	Smart Cache
System bus rate	5 GT/s
Bus type	DMI
FSB Parity	✗
Processor lithography	32 nm
Processor operating modes	64-bit
Processor series	Intel Core i3-2100 Desktop Series
Processor codename	Sandy Bridge
Thermal Design Power (TDP)	65 W
Tcase	69.1 °C
PCI Express slots version	2.0
Maximum number of PCI Express lanes	16
Number of processors installed	1
CPU multiplier (bus/core ratio)	33
Maximum internal memory supported by processor	32 GB
Memory types supported by processor	DDR3 1066/1333
Memory bandwidth supported by processor (max)	21 GB/s
ECC supported by processor	✗

Software	
Operating system installed *	FreeDOS
Drivers included	✔

Processor special features	
Intel® Wireless Display (Intel® WiDi)	✗
Intel 64	✔
Enhanced Intel SpeedStep Technology	✔
Embedded options available	✔
Intel® InTru™ 3D Technology	✔
Intel® Insider™	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✗
Intel VT-x with Extended Page Tables (EPT)	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Intel® AES New Instructions (Intel® AES-NI)	✗
Intel Trusted Execution Technology	✗
Execute Disable Bit	✔
Intel FDI Technology	✔
Intel Flex Memory Access	✔
Intel Fast Memory Access	✔
Intel Enhanced Halt State	✔
Intel Demand Based Switching	✗
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗

Memory

Internal memory *	2 GB
Internal memory type	DDR3-SDRAM
Memory layout (slots x size)	2 x 4 GB
Memory channels	Dual-channel

Storage

Total storage capacity *	500 GB
Optical drive type *	DVD Super Multi
Number of HDDs installed	1
HDD capacity	500 GB
Card reader integrated	✔
Compatible memory cards	Memory Stick (MS), MicroSD (TransFlash), MMC, MMC+, MS PRO, SD, SDHC, SDIO, xD

Graphics

On-board graphics card *	✔
Discrete graphics card model *	Not available
Number of discrete graphics cards	1
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 2000
On-board graphics card base frequency	850 MHz
On-board graphics card dynamic frequency (max)	1100 MHz
Number of displays supported (on-board graphics)	2
On-board graphics card ID	0x102

Network

Ethernet LAN *	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Cabling technology	10/100/1000Base-T(X)
Wi-Fi *	✘

Ports & interfaces

USB 2.0 ports quantity *	8
VGA (D-Sub) ports quantity	1
DVI port	✘
HDMI ports quantity *	1
Ethernet LAN (RJ-45) ports	1
Microphone in	✔
Headphone outputs	1
Line-out	✔
Line-in	✔

Expansion slots

PCI Express x1 slots	3
PCI Express x16 slots	1

Design

Product color *	Black

Performance

Product type *	PC

Processor special features

Processor package size	37.5 x 37.5 mm
Supported instruction sets	AVX
CPU configuration (max)	1
Intel Virtualization Technology for Directed I/O (VT-d)	✘
Intel Identity Protection Technology version	1.00
Intel Virtualization Technology (VT-x)	✔
Intel Dual Display Capable Technology	✔
Intel Rapid Storage Technology	✘
Processor ARK ID	53426
Intel® Turbo Boost 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 *	106 mm
Depth *	433.1 mm
Height *	377.9 mm
Weight *	7.3 kg

Display

Display included *	✔
Display diagonal	47 cm (18.5")
Display type	LED
Display resolution	1366 x 768 pixels
Native aspect ratio	16:9
Contrast ratio (typical)	1000:1
Display number of colors	16.78 million colors
Touchscreen	✘
Display brightness	250 cd/m²
Viewing angle, horizontal	170°
Viewing angle, vertical	160°

Other features

Speakers	✔
Networking features	Gigabit Ethernet
Graphics card family	Intel
Ethernet interface type	Gigabit Ethernet
Headphone connectivity	3.5 mm

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