



## DELL Inspiron 3647 Intel® Core™ i5 i5-4460 8 GB DDR3-SDRAM 1 TB HDD Windows 8.1 Small Desktop PC Black

**Brand :** DELL

**Product family:** Inspiron

**Article code:** I3647-4616BLK

**Product name :** 3647

Inspiron 3647 - Intel Core i5-4460 (6M Cache, up to 3.40 GHz), 8GB DDR3 1600MHz, 1TB HDD 7200rpm, H81, Intel HD Graphics 4600, Gigabit Ethernet, 802.11 b/g/n, Bluetooth 4.0, Windows 8.1 64-bit  
DELL Inspiron 3647. Processor frequency: 3.2 GHz, Processor family: Intel® Core™ i5, Processor model: i5-4460. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM, Memory clock speed: 1600 MHz. Total storage capacity: 1 TB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 4600. Operating system installed: Windows 8.1, Operating system architecture: 64-bit. Power supply: 220 W. Chassis type: Small Desktop. Product type: PC. Product color: Black



Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Small Business Advantage (Intel® SBA)	✗
Processor family *	Intel® Core™ i5	Intel® Wireless Display (Intel® WiDi)	✓
Processor generation	4th gen Intel® Core™ i5	Intel 64	✓
Processor model *	i5-4460	Enhanced Intel SpeedStep Technology	✓
Processor cores	4	Embedded options available	✗
Processor threads	4	Intel® InTru™ 3D Technology	✓
Processor boost frequency	3.4 GHz	Intel® Insider™	✓
Processor frequency *	3.2 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor socket	LGA 1150 (Socket H3)	Intel Clear Video Technology	✗
Processor cache	6 MB	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cache type	Smart Cache	Intel TSX-NI	✗
System bus rate	5 GT/s	Idle States	✓
Bus type	DMI	Thermal Monitoring Technologies	✓
FSB Parity	✗	Intel Stable Image Platform Program (SIPP)	✗
Processor lithography	22 nm	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor operating modes	32-bit, 64-bit	Intel® Secure Key	✓
Processor series	Intel Core i5-4400 Desktop series	Intel® OS Guard	✓
Processor codename	Haswell	Intel Trusted Execution Technology	✗
Thermal Design Power (TDP)	84 W	Execute Disable Bit	✓
Tcase	72.72 °C	Intel FDI Technology	✓
PCI Express slots version	3.0	Intel Flex Memory Access	✗
Maximum number of PCI Express lanes	16	Intel Fast Memory Access	✗
PCI Express configurations	1x16, 2x8, 1x8+2x4		
Number of processors installed	1		
Stepping	C0		
Maximum internal memory supported by processor	32 GB		
Memory types supported by processor	DDR3-SDRAM		

Processor		Processor special features	
Memory clock speeds supported by processor	1333,1600 MHz	Intel® Smart Cache	✓
Memory bandwidth supported by processor (max)	25.6 GB/s	Intel Enhanced Halt State	✓
ECC supported by processor	✗	Intel Demand Based Switching	✗
Memory		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Internal memory *	8 GB	Processor package size	37.5 x 37.5 mm
Maximum internal memory *	16 GB	Supported instruction sets	AVX 2.0
Internal memory type	DDR3-SDRAM	Processor code	SR1QK
Memory slots	2x DIMM	Scalability	1S
Memory clock speed	1600 MHz	CPU configuration (max)	1
Memory channels	Dual-channel	Graphics & IMC lithography	22 nm
Storage		Thermal solution specification	PCG 2013D
Total storage capacity *	1 TB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage media *	HDD	Intel Identity Protection Technology version	1.00
Number of HDDs installed	1	Intel Stable Image Platform Program (SIPP) version	0.00
HDD capacity	1 TB	Intel Secure Key Technology version	1.00
Card reader integrated	✓	Intel Virtualization Technology (VT-x)	✓
Compatible memory cards	Memory Stick (MS), MMC, MMC+, MS PRO, SD, SDHC, SDXC, xD	Intel Small Business Advantage (SBA) version	1.00
Graphics		Intel TSX-NI version	0.00
On-board graphics card *	✓	Intel Dual Display Capable Technology	✗
On-board graphics card family	Intel® HD Graphics	Intel Rapid Storage Technology	✗
On-board graphics card model *	Intel® HD Graphics 4600	Processor ARK ID	80817
On-board graphics card base frequency	350 MHz	Intel® Smart Response Technology	✗
On-board graphics card dynamic frequency (max)	1100 MHz	Intel® Rapid Start Technology	✗
Maximum on-board graphics card memory	1.024 GB	Intel® Turbo Boost Technology	2.0
Number of displays supported (on-board graphics)	3	Intel Smart Connect Technology	✗
On-board graphics card DirectX version	11.1	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
On-board graphics card ID	0x412	Intel® Quick Sync Video Technology	✓
Network		Intel® My WiFi Technology (Intel® MWT)	✓
Ethernet LAN *	✓	Intel® Identity Protection Technology (Intel® IPT)	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Intel® Anti-Theft Technology (Intel® AT)	✓
Cabling technology	10/100/1000Base-T(X)	Conflict-Free processor	✓
Wi-Fi *	✓	Power	
Top Wi-Fi standard	Wi-Fi 4 (802.11n)	Power supply *	220 W
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Power supply input voltage	100 - 240 V
Bluetooth	✓	Power supply input frequency	50 - 60 Hz
Bluetooth version	4.0	Operational conditions	
Ports & interfaces		Operating temperature (T-T)	10 - 35 °C
USB 2.0 ports quantity *	6	Storage temperature (T-T)	-10 - 45 °C
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Operating relative humidity (H-H)	20 - 80%
VGA (D-Sub) ports quantity	1	Operating altitude	-598.4 - 120000" (-15.2 - 3048 m)
DVI port	✗	Non-operating altitude	-598.4 - 420000" (-15.2 - 10668 m)
HDMI ports quantity *	1	Sustainability	
Ethernet LAN (RJ-45) ports	1	Sustainability certificates	ENERGY STAR
Microphone in	✓	Weight & dimensions	
Headphone outputs	1	Width *	3.94" (100 mm)
Line-out	✓	Depth *	13.7" (347.8 mm)
Line-in	✓	Height *	10.4" (265 mm)
Design		Weight *	13.2 lbs (6 kg)
Chassis type *	Small Desktop		

Design		Packaging content	
Placement supported	Vertical	Mouse included	✗
Water cooling system	✗	Keyboard included	✗
Number of 3.5" bays	1	Cables included	AC
Number of 5.25" bays	1	Manual	✓
Product color *	Black	Display	
Performance		Display included *	✗
Motherboard chipset	Intel® H81	Other features	
Audio system	HD	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
Audio output channels	5.1 channels		
Password protection	✓		
Password protection type	BIOS		
Product type *	PC		
Software			
Operating system architecture	64-bit		
Operating system installed *	Windows 8.1		
Drivers included	✓		

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