DELL Inspiron 3670 Intel® Core™ i5 i5-8400 8 GB DDR4-SDRAM 1 TB HDD NVIDIA® GeForce® GTX 1050 Windows 10 Home Mini Tower PC Black, Silver

Brand : DELL   **Product family:** Inspiron   **Product code:** I3670-5207BLK

Product name : 3670

Intel Core i5-8400 (9M Cache, 2,8GHz), 8GB DDR4, 1TB HDD, Intel UHD Graphics 630 + NVIDIA GeForce GTX 1050 2GB GDDR5, Gigabit LAN, WLAN, Bluetooth, Windows 10 Home 64-bit
DELL Inspiron 3670. Processor frequency: 2.8 GHz, Processor family: Intel® Core™ i5, Processor model: i5-8400. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD±RW. On-board graphics card model: Intel® UHD Graphics 630, Discrete graphics card model: NVIDIA® GeForce® GTX 1050. Operating system installed: Windows 10 Home, Operating system architecture: 64-bit. Power supply: 290 W. Chassis type: Mini Tower. Product type: PC

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	8th gen Intel® Core™ i5
Processor model *	i5-8400
Processor cores	6
Processor threads	6
Processor boost frequency	4 GHz
Processor frequency *	2.8 GHz
Processor socket	LGA 1151 (Socket H4)
Processor cache	9 MB
Processor cache type	Smart Cache
System bus rate	8 GT/s
Bus type	DMI3
Processor lithography	14 nm
Processor operating modes	64-bit
Processor codename	Coffee Lake
Thermal Design Power (TDP)	65 W
Tjunction	100 °C
PCI Express slots version	3.0
Maximum number of PCI Express lanes	16
PCI Express configurations	1x16, 1x8+2x4, 2x8
Number of processors installed	1
Maximum internal memory supported by processor	64 GB
Memory types supported by processor	DDR4-SDRAM
Memory clock speeds supported by processor	2666 MHz

Expansion slots

PCI Express x1 slots	2
PCI Express x16 slots	1

Design

Chassis type *	Mini Tower
Placement supported	Vertical
Cable lock slot	✔
Cable lock slot type	Kensington
Product colour *	Black, Silver

Performance

Motherboard chipset	Intel® B360
Audio chip	Realtek ALC3820-CG
Audio system	Waves MaxxAudio Pro
Password protection	✔
Password protection type	BIOS, User
Product type *	PC

Software

Operating system architecture	64-bit
Operating system installed *	Windows 10 Home
Drivers included	✔

Processor special features

Intel 64	✔
Enhanced Intel SpeedStep Technology	✔
Embedded options available	✘
Intel® InTru™ 3D Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔

Processor

Memory bandwidth supported by processor (max)	41.6 GB/s
ECC supported by processor	✘

Memory

Internal memory *	8 GB
Maximum internal memory *	32 GB
Internal memory type	DDR4-SDRAM
Memory slots	2x DIMM
Memory channels	Dual-channel

Storage

Total storage capacity *	1 TB
Storage media *	HDD
Optical drive type *	DVD±RW
Number of storage drives installed	1
Number of HDDs installed	1
HDD capacity	1 TB
Card reader integrated	✔
Compatible memory cards	SD, SDHC, SDXC

Graphics

Discrete graphics card *	✔
On-board graphics card *	✔
Discrete graphics card model *	NVIDIA® GeForce® GTX 1050
Discrete graphics card memory	2 GB
Discrete graphics memory type	GDDR5
Number of discrete graphics cards	1
On-board graphics card family	Intel® UHD Graphics
On-board graphics card model *	Intel® UHD Graphics 630
On-board graphics card base frequency	350 MHz
On-board graphics card dynamic frequency (max)	1050 MHz
Maximum on-board graphics card memory	64 GB
Number of displays supported (on-board graphics)	3
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.5
On-board graphics card ID	0x3E92
NVIDIA G-SYNC	✔
NVIDIA GameWorks VR	✘
CUDA	✔
CUDA cores	640
Number of execution units	23
Graphics card HDMI ports quantity	1
Graphics card DisplayPorts quantity	1
Graphics card DVI-D ports quantity	1

Network

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

Ports & interfaces

USB 2.0 ports quantity *	4
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
VGA (D-Sub) ports quantity	1

Processor special features

Intel Clear Video Technology	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel TSX-NI	✘
Idle States	✔
Thermal Monitoring Technologies	✔
Intel Stable Image Platform Program (SIPP)	✘
Intel® AES New Instructions (Intel® AES-NI)	✔
Intel® Secure Key	✔
Intel® OS Guard	✔
Intel Trusted Execution Technology	✘
Execute Disable Bit	✔
Intel Enhanced Halt State	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✔
Processor package size	37.5 x 37.5 mm
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Scalability	1S
CPU configuration (max)	1
Thermal solution specification	PCG 2015C
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1.00
Intel Stable Image Platform Program (SIPP) version	0.00
Intel Secure Key Technology version	1.00
Intel Virtualization Technology (VT-x)	✔
Intel TSX-NI version	0.00
Processor ARK ID	126687
Intel® Turbo Boost Technology	2.0
Intel® Hyper Threading Technology (Intel® HT Technology)	✘
Intel® Quick Sync Video Technology	✔
Intel® Identity Protection Technology (Intel® IPT)	✔
Conflict-Free processor	✔

Power

Power supply *	290 W
Power supply input voltage	90 - 264 V
Power supply input frequency	47/63 Hz

Operational conditions

Operating temperature (T-T)	10 - 35 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	20 - 80%
Storage relative humidity (H-H)	5 - 95%
Operating vibration	0.26 G
Non-operating vibration	1.37 G
Operating shock	40 G
Non-operating shock	105 G

Sustainability

Sustainability certificates	ENERGY STAR

Weight & dimensions

Width *	160 mm

Ports & interfaces

DVI port	✘
HDMI ports quantity *	1
Ethernet LAN (RJ-45) ports	1
Microphone in	✔
Line-out	✔
Line-in	✔
Combo headphone/mic port	✔
On/off button	✔

Weight & dimensions

Depth *	294 mm
Height *	373.7 mm
Weight *	5.9 kg

Packaging content

Manual	✔
Power cord included	✔

Display

Display included *	✘

Other features

Optical drives quantity	1

Ports & interfaces

DVI port	✘
HDMI ports quantity *	1
Ethernet LAN (RJ-45) ports	1

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