Lenovo IdeaCentre H50-50 Intel Pentium G G3260 4 GB DDR3-SDRAM 500 GB HDD Windows 10 Home Mini Tower PC Black

Brand : Lenovo   **Product family:** IdeaCentre   **Product code:** 90B700EHUS

Product name : H50-50

Intel Pentium G3260 (3.30 GHz), 4GB DDR3 1600MHz , 500GB HDD, Intel HD Graphics, WLAN, Windows 10 Home
Lenovo IdeaCentre H50-50. Processor frequency: 3.3 GHz, Processor family: Intel Pentium G, Processor model: G3260. 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 10 Home, Operating system architecture: 64-bit. Chassis type: Mini Tower. Product type: PC. Product colour: Black

Processor

Processor manufacturer *	Intel
Processor family *	Intel Pentium G
Processor model *	G3260
Processor cores	2
Processor threads	2
Processor frequency *	3.3 GHz
Processor cache	3 MB
Processor cache type	Smart Cache
System bus rate	5 GT/s
Bus type	DMI2
Processor lithography	22 nm
Processor operating modes	32-bit, 64-bit
Processor series	Intel Pentium G3000 series for Desktop
Processor codename	Haswell
Thermal Design Power (TDP)	53 W
Tcase	72 °C
PCI Express slots version	3.0
Maximum number of PCI Express lanes	16
PCI Express configurations	1x8, 1x16, 2x4, 2x8
Number of processors installed	1
Processor socket	LGA 1150 (Socket H3)
Stepping	C0
Maximum internal memory supported by processor	32 GB
Memory types supported by processor	DDR3-SDRAM, DDR3L-SDRAM
Memory clock speeds supported by processor	1333 MHz
Memory bandwidth supported by processor (max)	25.6 GB/s
ECC supported by processor	✔
Memory voltage supported by processor	1.5 V

Memory

Internal memory *	4 GB
Maximum internal memory *	16 GB
Internal memory type	DDR3-SDRAM
Memory slots	2x DIMM
Memory clock speed	1600 MHz
Memory channels	Dual-channel

Storage

Total storage capacity *	500 GB

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
DVI port	✗
HDMI ports quantity *	1
Ethernet LAN (RJ-45) ports	1
Microphone in	✔
Headphone outputs	1
Line-out	✔
Line-in	✔

Design

Chassis type *	Mini Tower
Placement supported	Vertical
Water cooling system	✗
Product colour *	Black

Performance

Motherboard chipset	Intel® H81
Product type *	PC

Software

Operating system architecture	64-bit
Operating system installed *	Windows 10 Home

Processor special features

Intel 64	✔
Enhanced Intel SpeedStep Technology	✔
Embedded options available	✗
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 Trusted Execution Technology	✗
Execute Disable Bit	✔
Intel Enhanced Halt State	✔
Processor package size	37.5 x 37.5 mm

Storage

Storage media *	HDD
Optical drive type *	DVD±RW
Number of HDDs installed	1
HDD capacity	500 GB
HDD interface	SATA III
HDD speed	7200 RPM
HDD size	3.5"
Card reader integrated	✔

Graphics

Discrete graphics card *	✘
On-board graphics card *	✔
Discrete graphics card model *	Not available
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics
On-board graphics card base frequency	350 MHz
On-board graphics card dynamic frequency (max)	1100 MHz
Maximum on-board graphics card memory	16 GB
Number of displays supported (on-board graphics)	3
On-board graphics card DirectX version	11.1

Optical drive

Optical drives quantity	1

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 5 (802.11ac)
Wi-Fi standards	Wi-Fi 5 (802.11ac)
Bluetooth	✔
Bluetooth version	4.0

Processor special features

Supported instruction sets	SSE4.1, SSE4.2
Processor code	SR1K8
Scalability	1S
CPU configuration (max)	1
Graphics & IMC lithography	22 nm
Thermal solution specification	PCG 2013C
Intel Virtualization Technology for Directed I/O (VT-d)	✘
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	87356
Intel® Turbo Boost Technology	✘
Intel® Hyper Threading Technology (Intel® HT Technology)	✘
Intel® Quick Sync Video Technology	✔
Conflict-Free processor	✔

Certificates

Compliance certificates	RoHS

Sustainability

Sustainability certificates	ENERGY STAR

Weight & dimensions

Width *	160 mm
Depth *	410 mm
Height *	355 mm
Weight *	7.1 kg

Packaging content

Mouse included	✔
Keyboard included	✔

Display

Display included *	✘

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