**Lenovo**

# 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 socket | LGA 1150 (Socket H3) |
| 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 |
| 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 |

## Ports & interfaces

| | |
|---|---|
| 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 | ✘ |

## Processor

| | |
|---|---|
| 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 |
| 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 |

## 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 |

## Ports & interfaces

| | |
|---|---|
| USB 2.0 ports quantity * | 4 |

## Processor special features

| | |
|---|---|
| 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 |
| 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 * | ✗ |

## Other features

| | |
|---|---|
| Optical drives quantity | 1 |

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