

# HP 280 G2 Small Form Factor PC (Z1Z42PA)

Active as of 9/09/2016



## Overview

## **Maximize your investment**

Take on your everyday work at an affordable price with the HP 280 SFF. Get the computing power you need while minimizing the PC footprint and the total cost of ownership—now that's a smart investment.

HP 280 SFF desktop PC delivers your everyday computing needs in a space-efficient design while minimizing your total cost of ownership.

## Ready for work

The HP 280 SFF provides a powerful PC with the features you need to accomplish your everyday tasks.

## **Progressive style**

Take up less space than a traditional tower with the HP 280 SFF with a stylish design that is easy to set up and use.

# **Powered up processing**

Keep up with daily tasks with strong performance from an Intel®  $Core^{TM}$  i3/i5 processor³, Intel HD Graphics, and up to 32 GB of DDR4 memory.

## **Customize for collaboration**

Accessorize the HP 280 SFF with the right products to customize your system for collaboration. With the HP Collaboration Keyboard  $^4$  and the HP Stereo 3.5mm Headset  $^4$  you can communicate clearly with colleagues.

# **Specifications**

### Operating system

Windows 10 Pro 64

### **Processor family**

6th Generation Intel® Core™ i5 processor

### Processor

Intel® Core™ i5-6500 with Intel HD Graphics 530 (3.2 GHz, up to 3.6 GHz with Intel Turbo Boost, 6 MB cache, 4 cores)

### MDA key selling point

Windows 10 Pro 64

## Chipset

Intel® H110

## Form factor

Small form factor

### Security management

Trusted Platform Module (TPM) 2.0 (firmware); Security cable slot

#### Memory, standard

4 GB DDR4-2133 SDRAM (1 x 4 GB)

## **Memory slots**

2 DIMM

#### Internal drive bays

One 3.5" or 2.5" HDD

## **External drive bays**

1 SD reader

### Hard drive description

500 GB 7200 rpm SATA

#### Optical drive

Slim SATA SuperMulti DVD writer

### **Graphics**

Integrated

#### **Graphics**

Intel® HD Graphics 530

#### I/O Port location

Front

#### **Ports**

2 USB 3.0; 1 microphone/headphone combo

#### I/O Port location

Back

#### **Ports**

6 USB 2.0; 1 audio line in; 1 audio line out; 1 HDMI; 1 VGA; 1 RJ-45

## **Expansion slots**

1 PCle x1; 1 PCle x16

#### **Audio**

HD audio with Realtek ALC3252 codec, combo microphone/headphone jack and 3.5 mm line-out and line-in ports

## Keyboard

HP USB Business Slim Keyboard

## **Network interface**

Integrated Realtek RTL8111HSH-CG GbE

## Power

180 W, up to 85% efficient, active PFC

## **Energy efficiency**

ENERGY STAR® certified; EPEAT® Silver

### Minimum dimensions (W x D x H)

 $270 \times 290 \times 100 \, mm$ 

## Weight

 $3.66 \, kg$ 

# Warranty

3-year (3-3-3) limited warranty and service offering includes 3 years of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

## Overview

- 1 Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers and/or software to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <a href="http://www.microsoft.com">http://www.microsoft.com</a>.
- 3 Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance.
- 4 Sold separately or as an optional feature.

## Data sheet (1)

### **HP 280 G2 Small Form Factor PC (AP English)**

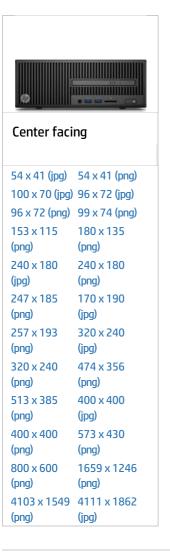
Datasheet for HP 280 G2 Small Form Factor PC

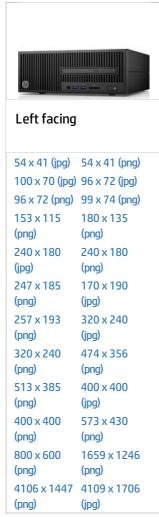
# Quick specs (1)

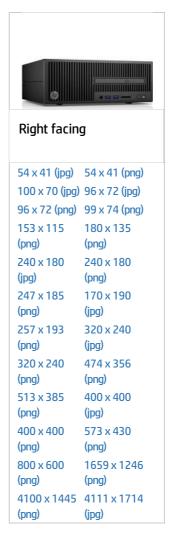
## **HP 280 G2 Small Form Factor Business PC**

Research or buy HP printers, desktops, laptops, servers, storage, enterprise solutions and more at the Official HP Inc. Website.

# Images - Product (3)







# Search additional assets (Asset Hub)

## **Search for additional assets**

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# Audio/Multimedia and Communication Devices

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Active	HP Business Headset v2	T4E61AA
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## **Speakers**

Active	HP USB Business Speakers v2	N3R89AA
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# **Expansion and Controller Cards**

## **Port Adapters**

Active HP USB to Serial Port Adapter J7B6	360AA
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# **Graphics Cards**

## **Graphics Cards**

Active	NVIDIA GeForce GT730 GFX (2GB) PCIe x8 Graphics Card	N3R90AA
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## **Graphics Connectors/Adapters**

Active	HP USB Graphics Adapter	NL571AA
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# Keyboards/Mice/Monitors and Input Devices

## Keyboards

Active	HP Conferencing Keyboard	K8P74AA
Active	HP USB Keyboard for PC	QY776AA
Active	HP USB Slim Business Keyboard	N3R87AA

# Mice

Active	HP USB Grey Mouse	K7W54AA
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# Memory

## **DDR4 Memory**

Active	HP 4GB DIMM DDR4 Memory	P1N51AA
Active	HP 8GB DIMM DDR4 Memory	P1N52AA
Active	HP 16GB DDR4-2133 DIMM	Y3X96AA

# PC Controller/Controller Options

### **PC Processor Cards**

Active	Intel Ethernet I210-T1 GbE NIC	E0X95AA
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# **PC Drives and Storage**

# **PC SAS Hard Drives**

Active	HP 1.2TB SAS 10K SFF Hard Drive	E2P04AA
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# **HP Care Services**

# **Hardware Support Services**

Active	HP 1 year Post Warranty 8 hour Onsite 9x5 Hardware Support for Desktops	UC502PE
Personal Systems Co	ommercial Care Services	
Active	HP 1 year Post Warranty 4 hour Onsite 9x5 Hardware Support for Desktops	U4858PE
Active	HP 1 year Post Warranty Next Business Day Onsite Hardware Support for Desktops	U5864PE
Active	HP 1 year Post Wty 4 hour Onsite Hardware Support w/Defective Media Retention for Desktops	HP719PE
Active	HP 1 yr Post Warranty Next Business Day Onsite HW Support w/Defective Media Retention for Desktops	HP710PE
Active	HP 3 year 4 hour Onsite 24x7 Hardware Support for Desktops	H4493E
Active	HP 3 year 4 hour Onsite 24x7 Hardware Support w/Defective Media Retention for Desktops	UL824E
Active	HP 3 year 4 hour Onsite 9x5 Hardware Support for Desktops	U4863E
Active	HP 3 year 4 hour Onsite 9x5 Hardware Support w/Defective Media Retention for Desktops	UL821E
Active	HP 3 year Next Business Day Onsite Hardware Support w/Accidental Damage Protection-G2 for Desktops	U0A84E
Active	HP 3 year Next Business Day Onsite Hardware Support w/Defective Media Retention for Desktops	UE332E
Active	HP 3 year Next Business Day Onsite HW Support w/Opt Customer Self Repair for Desktops/Workstations	UE379E
Active	HP 3 year Premium Care Support w/Defective Media Retention for Desktops	HL551E

### **Detailed Specifications**

#### **Audio**

HD audio with Realtek ALC3252 codec, combo microphone/headphone jack and 3.5 mm line-out and line-in ports

#### Chipset

Intel® H110

#### Code name

Anna

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### **Datasheet publication number**

4AA6-6657EEAP, APJ

## **Energy efficiency**

**ENERGY STAR® certified; EPEAT® Silver** 

#### **Expansion slots**

1 PCle x1; 1 PCle x16

## **External drive bays**

1 SD reader

### **Form factor**

Small form factor

## Graphics

Integrated

## Graphics

Intel® HD Graphics 530

## **Hard drive description**

500 GB 7200 rpm SATA

### I/O Port location

Back

## I/O Port location

Front

## Image legal disclaimer

Product image may differ from actual product

#### Internal drive bays

One 3.5" or 2.5" HDD

## Keyboard

HP USB Business Slim Keyboard

### Legal disclaimer [01]

[5] HP Touchpoint Manager requires purchase of a subscription and supports Android™, iOS and Windows 7 or higher operating systems and PCs, notebooks, tablets and smartphones from various manufacturers. Not available in all countries see www.hp.com/touchpoint for availability information.

### Legal disclaimer [02]

[6] Requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see <a href="https://www.hpconnected.com">www.hpconnected.com</a>). May require wireless access point. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary. Some HP LaserJet printers may require firmware upgrades.

# Legal disclaimer [03]

[7] HP Care Services are optional. Service levels and response times for HP Care Services may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc. HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.

### Legal tagline

HP recommends Windows 10 Pro.

### MDA key selling point

Windows 10 Pro 64

### Memory and storage

4 GB memory; 500 GB HDD storage

## **Memory slots**

2 DIMM

#### Memory, standard

4 GB DDR4-2133 SDRAM (1 x 4 GB)

#### Minimum dimensions (W x D x H)

270 x 290 x 100 mm

#### **Network interface**

Integrated Realtek RTL8111HSH-CG GbE

### Network interface type

LAN

#### Operating system

Windows 10 Pro 64

### **Optical drive**

Slim SATA SuperMulti DVD writer

### **Pointing device**

**HP USB Optical Mouse** 

## **Ports**

2 USB 3.0; 1 microphone/headphone combo

## Ports

6 USB 2.0; 1 audio line in; 1 audio line out; 1 HDMI; 1 VGA; 1 RJ-45

#### Power

180 W, up to 85% efficient, active PFC

#### Processor

Intel® Core $^{TM}$  i5-6500 with Intel HD Graphics 530 (3.2 GHz, up to 3.6 GHz with Intel Turbo Boost, 6 MB cache, 4 cores)

## **Processor family**

6th Generation Intel® Core™ i5 processor

### **Product long name specifications**

HP 280 G2 Small Form Factor PC with Windows 10 Pro 64; Intel® Core<sup>™</sup> i5-6500 with Intel HD Graphics 530 (3.2 GHz, up to 3.6 GHz with Intel Turbo Boost, 6 MB cache, 4 cores); 4 GB DDR4-2133 SDRAM (1 x 4 GB); 500 GB 7200 rpm SATA

### Sales office and telephone number

Albania: +49 89 9396 1803; Algeria: +213 (0) 61 68 23 00; Austria: +43 (0) 810 00 60 80; Bahrain: 800 171; Belgium: +32 (02) 729 71 11; Bulgaria: +359 2 969 87; Bosnia-Herzegovina: +49 89 9396 1803; Commonwealth of Independent States (CIS): +(095) 923 50 01; Croatia: +385 1 606 02 00; Czech Republic: +420 261 108 108; Denmark: +45 48 12 10 00; HP East Africa, Authorized Consultant: +254 20 27 16 111; Egypt: HP +202 792 5070; Estonia: +372 6 813 820; Finland: HP Myyntipalvelu 010 217 2700; France: +33 (0) 826 800 400; Germany: +49 (0) 180 532 62 22; Greece: +30 801 11 22 55 47; Hungary: +36 (1) 382 11 11; Iceland: +354 (1) 67 10 00; Ireland: +353 1 615 82 00; Israel: +972 9 830 48 48; Italy: Prodotti +39 02 92607 330, Servizio HP Care Pack: +39 02 9212 2040; Kazakhstan & Kyrgyzstan: +7 327 2 58 43 43; Latvia: +371 703 07 00; Lithuania: +370 5 2103 300; Luxembourg: (+352) 263 160 34 Macedonia: +49 89 9396 1803; Malta: +49

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### Security management

Trusted Platform Module (TPM) 2.0 (firmware); Security cable slot

#### Services (Care Pack)

Receive 3 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely. For more information on Care Pack services, please visit www.hp.com/go/cpc.

### Software footnote number

[8]

## Standard memory note

Transfer rates up to 2133 MT/s

### **Tech spec footnote**

[1] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <a href="http://www.microsoft.com">http://www.microsoft.com</a>.

### **Tech spec footnote**

[2] Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance.

## **Tech spec footnote**

[3] For systems configured with more than 3 GB of memory and a 32-bit operating system, all memory may not be available due to system resource requirements. Addressing memory above 4 GB requires a 64-bit operating system. Memory modules support data transfer rates up to 2133 MT/s; actual data rate is determined by the system's configured processor. See processor specifications for supported memory data rate.

## **Tech spec footnote**

[4] For hard drives and solid state drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 16 GB (for Windows 7) and 36 GB (for Windows 8.1/10) of system disk is reserved for the system recovery software.

## **Tech spec footnote**

[5] Optical drives are optional or add on features. Duplication of copyrighted material is strictly prohibited. Actual speeds may vary. Double Layer media compatibility will widely vary with some home DVD players and DVD-ROM drives. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 Double Sided-Version 1.0 Media.

#### **Tech spec footnote**

[6] Wireless cards are optional or add-on features and require separately purchased wireless access point and internet service. Availability of public wireless access points limited.

## **Tech spec footnote**

[7] Optional or add-on feature.

## **Tech spec footnote**

[8] HP ePrint Driver requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see

## www.hp.com/go/businessmobileprinting.

### **Tech spec footnote**

[9] EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

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### **UNSPSC** code

43211507

#### Warrantv

3-year (3-3-3) limited warranty and service offering includes 3 years of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

### Weight

3.66 kg

## Weight note (metric)

Configured with 1 HDD and 1 ODD. Exact weight depends on configuration

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