

Z2G5 Management Workstation



- ▶ High-end workstation with latest generation Intel Core i7 eight-core processor
- ▶ Multi-monitor support (up to 4 monitors with NVIDIA Quadro P620 graphics card and up to 2 monitors with Intel onboard graphics)
- ▶ Protected by HP Hardware Services, including a 3 years Next Business Day on-site support

The Z2G5 Management workstation is based on the HP Z2 Small Form Factor G5 workstation with workstation-class reliability designed for heavy 24 x 7 x 365 workloads. It delivers next-generation processor and graphics visualization for the Bosch video-oriented applications. The capable SFF platform is ideal where a small footprint and quiet operation is of importance.

Engineered to impress, the Z2G5 Management workstation conserves space and maintains workstation performance. At a 57% smaller form factor than the tower it provides the capability and flexibility you demand.

The stunning new design features front and rear ledges, so you can easily move your system from location to location.

Get powerful protection from evolving malware threats with self-healing, hardware-enforced security solutions like HP Sure Start Gen5 which protects against BIOS attacks.

With the built-in NVIDIA Quadro P620 graphics card you can realize impressive video performance.

System overview

The Z2G5 Management workstation provides you powerful performance with the latest Intel Core i7 processor.

Save energy with HP ENERGY STAR qualified configuration including a 92% efficient power supply. ENERGY STAR qualified configurations of this product are in compliance with the IEEE 1680 (EPEAT) standard at the Gold level where HP registers workstation products.

The Z2G5 Management workstation is a workstation solution based on the Intel W480 chipset offering future expandability.

The small form factor NVIDIA Quadro P620 (2 GB) 3D graphics card supported by the high-speed i7 processor ensures high performance and resolution for fast presentation of displayed video data.

The Z2G5 Management workstation is the high-end workstation suitable for running the security systems software applications offered by Bosch on a small footprint.

Refer to the respective application data sheets to get detailed information.

Certifications and approvals

Region	Regulatory compliance/quality marks	
Europe	CE	Z2G5

Installation/configuration notes

The Z2G5 Management workstation comes in 2 standard configurations:

- MHW-WZ2G5-P06 with English international keyboard and NVIDIA Quadro P620 graphics card.
- MHW-WZ2G5-IG with English international keyboard and Intel onboard graphics.

Additional optional keyboards are available.

Support

- HP 3-year Next Business Day on-site hardware support

i Notice

The Bosch management workstation comes with pre-installed Microsoft Windows 10 Professional 64-bit for Workstations OS.

i Notice

The Next Business Day on-site service level can only be provided if the respective system has been registered within eight weeks after receipt. Otherwise, service will be provided based on best effort. Information about registration details is available in every shipment (registration form) or from the Bosch online product catalog. Next Business Day Services cannot be provided in every country everywhere. For limitations and exceptions see the registration details in the registration form.

Configuration of Z2G5 Management workstation

Quantity	Component
1	HP Z2 Small Form Factor G5 workstation
1	<ul style="list-style-type: none"> Microsoft Windows 10 Professional 64-bit for workstations OS
1	<ul style="list-style-type: none"> Intel Core i7-10700 (2.9 GHz, 65 W, 16 MB cache, 2933 MT/s memory speed, 8-core CPU)
1	<ul style="list-style-type: none"> 8 GB (1 x 8 GB) DDR4 3200 UDIMM NECC memory
1	<ul style="list-style-type: none"> 256 GB SSD
1	<ul style="list-style-type: none"> NVIDIA Quadro P620 or Intel onboard graphics
1	<ul style="list-style-type: none"> HP serial port adapter

Technical specifications**Electrical**

	MHW-WZ2G5-IG Workstation Z2G5 with onboard graphics
Type of power supply	VAC
Actual output wattage from power supply (W)	260 W
Efficiency of power supply (%)	90%
Input voltage (VAC)	100 - 240 VAC
Operating voltage (VAC)	90 - 269 VAC
Power frequency	50 Hz; 60 Hz
Rated input current (A)	3.10 A

	MHW-WZ2G5-IG Workstation Z2G5 with onboard graphics
Battery type	Lithium
Battery size	CR2032

	MHW-WZ2G5-P06 Workstation Z2G5 with NVIDIA GPU
Type of power supply	VAC
Actual output wattage from power supply (W)	450 W
Efficiency of power supply (%)	90%
Input voltage (VAC)	100 - 240 VAC
Operating voltage (VAC)	90 - 269 VAC
Power frequency	50 Hz; 60 Hz
Rated input current (A)	6 A
Battery type	Lithium
Battery size	CR2032

Mechanical

	MHW-WZ2G5-IG Workstation Z2G5 with onboard graphics
Color	Black
Dimension (H x W x D) (mm)	100 mm x 338 mm x 308 mm
Dimension (H x W x D) (in)	3,95 in. x 13,3 in. x 12,1 in.
Weight (kg)	5.40 kg
Weight (lb)	11.90 lb

	MHW-WZ2G5-P06 Workstation Z2G5 with NVIDIA GPU
Color	Black
Dimension (H x W x D) (mm)	100 mm x 338 mm x 308 mm
Dimension (H x W x D) (in)	3,95 in. x 13,3 in. x 12,1 in.
Weight (kg)	5.50 kg
Weight (lb)	12.10 lb

Environmental

	MHW-WZ2G5-IG Workstation Z2G5 with onboard graphics
Operating temperature (°C)	5 - 35 °C
Operating temperature (°F)	40 - 95 °F
Storage temperature (°C)	-40 - 60 °C
Storage temperature (°F)	-40 - 140 °F
Operating relative humidity, non-condensing (%)	10 - 85%

	MHW-WZ2G5-P06 Workstation Z2G5 with NVIDIA GPU
Operating temperature (°C)	5 - 35 °C
Operating temperature (°F)	40 - 95 °F
Storage temperature (°C)	-40 - 60 °C
Storage temperature (°F)	-40 - 140 °F
Operating relative humidity, non-condensing (%)	10 - 85%

Notes:

- General technical specifications for the workstation are provided in the HP Z2 Small Form Factor G5 workstation QuickSpecs.

Trademarks:

- Hewlett Packard and the HP logo are registered trademarks of Hewlett Packard, all rights reserved. All data and dimensions are referenced from the Hewlett Packard QuickSpecs and are subject to change without notice.
- Intel is a registered trademark of Intel; Xeon, Core, Turbo Boost, vPro and Hyper-Threading are trademarks of Intel, all rights reserved.
- NVIDIA Quadro is a registered trademark of NVIDIA, all rights reserved.
- ENERGY STAR is a registered trademark of U.S. Environmental Protection Agency, all rights reserved.

Ordering information**MHW-WZ2G5-IG Workstation Z2G5 with onboard graphics**

Workstation performance edition for video-oriented applications.

With English international keyboard and Intel onboard graphics.

Order number **MHW-WZ2G5-IG | F.01U.395.737**

MHW-WZ2G5-P06 Workstation Z2G5 with NVIDIA GPU

Workstation performance edition for video-oriented applications.

With English international keyboard and NVIDIA Quadro P620 graphics card.

Order number **MHW-WZ2G5-P06 | F.01U.395.738**

Accessories**MHW-AWLCK-ESP Keyboard Spanish**

Localization (Keyboard): Spain - Spanish

Order number **MHW-AWLCK-ESP | F.01U.073.356**

MHW-AWLCK-FR Keyboard French

Localization (Keyboard): France - French

Order number **MHW-AWLCK-FR | F.01U.073.355**

MHW-AWLCK-IT Keyboard Italian

Localization (Keyboard): Italy - Italian

Order number **MHW-AWLCK-IT | F.01U.073.354**

MHW-AWLCK-NL Keyboard Dutch

Localization (Keyboard): Netherlands - Dutch

Order number **MHW-AWLCK-NL | F.01U.073.360**

MHW-AWLCK-SE Keyboard Swedish

Localization (Keyboard): Sweden - Swedish

Order number **MHW-AWLCK-SE | F.01U.078.850**

MHW-AWLCK-UK Keyboard English (UK)

Localization (Keyboard): United Kingdom - British English

Order number **MHW-AWLCK-UK | F.01U.073.358**

MHW-AWLCK-DE Keyboard German

Localization (Keyboard): Germany - German

Order number **MHW-AWLCK-DE | F.01U.073.359**

MHW-AWLCK-RU Keyboard Russian

Localization (Keyboard): Russia - Russian

Order number **MHW-AWLCK-RU | F.01U.078.852**

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