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 T600 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 T600 (4 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.

**Regulatory information**

<table>
<thead>
<tr>
<th>Region</th>
<th>Regulatory compliance/quality marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>CE Z2G5</td>
</tr>
</tbody>
</table>

**Installation/configuration notes**

The Z2G5 Management workstation comes in 2 standard configurations:

- MHW-WZ2G5-P06 with English international keyboard and NVIDIA Quadro T600 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
Notice

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

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

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Component</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HP Z2 Small Form Factor G5 workstation</td>
</tr>
<tr>
<td>1</td>
<td>• Microsoft Windows 10 Professional 64-bit for workstations OS</td>
</tr>
<tr>
<td>1</td>
<td>• Intel Core i7-10700 (2.9 GHz, 65 W, 16 MB cache, 2933 MT/s memory speed, 8-core CPU)</td>
</tr>
<tr>
<td>1</td>
<td>• 8 GB (1 x 8 GB) DDR4 3200 UDIMM NECC memory</td>
</tr>
<tr>
<td>1</td>
<td>• 256 GB SSD</td>
</tr>
<tr>
<td>1</td>
<td>• NVIDIA Quadro T600 or Intel onboard graphics</td>
</tr>
<tr>
<td>1</td>
<td>• HP serial port adapter</td>
</tr>
</tbody>
</table>

Technical specifications

Electrical

<table>
<thead>
<tr>
<th>MHW-WZ2G5-IG Workstation Z2G5 with onboard graphics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of power supply</td>
</tr>
<tr>
<td>Actual output wattage from power supply (W)</td>
</tr>
<tr>
<td>Efficiency of power supply (%)</td>
</tr>
<tr>
<td>Input voltage (VAC)</td>
</tr>
<tr>
<td>Operating voltage (VAC)</td>
</tr>
<tr>
<td>Power frequency</td>
</tr>
<tr>
<td>Rated input current (A)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MHW-WZ2G5-P06 Workstation Z2G5 with NVIDIA GPU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of power supply</td>
</tr>
<tr>
<td>Actual output wattage from power supply (W)</td>
</tr>
<tr>
<td>Efficiency of power supply (%)</td>
</tr>
<tr>
<td>Input voltage (VAC)</td>
</tr>
<tr>
<td>Operating voltage (VAC)</td>
</tr>
<tr>
<td>Power frequency</td>
</tr>
<tr>
<td>Rated input current (A)</td>
</tr>
</tbody>
</table>

Mechanical

<table>
<thead>
<tr>
<th>MHW-WZ2G5-IG Workstation Z2G5 with onboard graphics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
</tr>
<tr>
<td>Dimension (H x W x D) (mm)</td>
</tr>
<tr>
<td>Dimension (H x W x D) (in)</td>
</tr>
<tr>
<td>Weight (kg)</td>
</tr>
<tr>
<td>Weight (lb)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MHW-WZ2G5-P06 Workstation Z2G5 with NVIDIA GPU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
</tr>
<tr>
<td>Dimension (H x W x D) (mm)</td>
</tr>
<tr>
<td>Dimension (H x W x D) (in)</td>
</tr>
<tr>
<td>Weight (kg)</td>
</tr>
<tr>
<td>Weight (lb)</td>
</tr>
</tbody>
</table>
Environmental

<table>
<thead>
<tr>
<th>MHW-WZ2G5-IG Workstation</th>
<th>Z2G5 with onboard graphics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating temperature (°C)</td>
<td>5°C – 35°C</td>
</tr>
<tr>
<td>Operating temperature (°F)</td>
<td>40°F – 95°F</td>
</tr>
<tr>
<td>Storage temperature (°C)</td>
<td>-40°C – 60°C</td>
</tr>
<tr>
<td>Storage temperature (°F)</td>
<td>-40°F – 140°F</td>
</tr>
<tr>
<td>Operating relative humidity, non-condensing (%)</td>
<td>10% – 85%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MHW-WZ2G5-P06 Workstation</th>
<th>Z2G5 with NVIDIA GPU</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating temperature (°C)</td>
<td>5°C – 35°C</td>
</tr>
<tr>
<td>Operating temperature (°F)</td>
<td>40°F – 95°F</td>
</tr>
<tr>
<td>Storage temperature (°C)</td>
<td>-40°C – 60°C</td>
</tr>
<tr>
<td>Storage temperature (°F)</td>
<td>-40°F – 140°F</td>
</tr>
<tr>
<td>Operating relative humidity, non-condensing (%)</td>
<td>10% – 85%</td>
</tr>
</tbody>
</table>

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
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 T600 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

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

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

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

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