

# MHW-S360R7-LL Management Server

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The MHW-S360R7-LL Management Server is designed for standard performance video applications and provides high reliability in a 1U form factor. Designed to provide extreme adaptability, this HP ProLiant DL360 G7 Server allows you to benefit from scalable performance and enhanced power efficiency at reduced costs and with greater efficiency. Its dense form factor makes it ideal for space-constrained installations.

The latest Intel® Xeon® Series processors, internal Serial Attached SCSI (SAS), and PCI-Express Gen2 technology provide a high-performance system, ideal for the full range of scale out-applications such as demanding video applications.

With one state-of-the-art quad-core Intel® Xeon® Processor E5606 (2.13 GHz, 8 MB L3 cache, 80 W, DDR3-1066), and 4 GB (2 x 2 GB) PC3-10600R (running at 1066 MHz) Registered DIMMs, it provides the performance, scalability, and support for memory-demanding applications in medium-sized environments. In addition, HP Services protects the server with a 3-year standard warranty (Next Business Day).

The server comes in a 1U, 19" rack mount version with a quick-deploy rail system, including sliding universal rails. The rack mount version allows access to all system components for easy in-rack serviceability.

- ▶ Standard performance with one quad-core Intel® Xeon® Processor E5606 (2.13 GHz, 8 MB L3 Cache, 80 W, DDR3-1066)
- ▶ 4 GB (2 x 2 GB) PC3-10600R (running at 1066 MHz) Registered DIMMs (RDIMMs)
- ▶ 4 Gigabit Ethernet Ports: 2 x HP NC382i Dual Port Multifunction Gigabit Server Adapters
- ▶ 1U rack for 19" rack deployment
- ▶ Protected by HP Services

To provide high capacity data storage, connect external SCSI storage arrays (like the Bosch DVA range of SCSI storage arrays) to the server via one PCI-e single-channel SCSI Host Bus Adapter.

## Functions

The MHW-S360R7-LL Management Server provides the performance and memory needed for medium-sized recording applications without redundancy on disk level.

## Certifications and Approvals

Region	Certification	
Europe	CE	DL360 G7 Server
Global	RoHS	HP Compliance with RoHS directives

## Installation/Configuration Notes

The MHW-S360R7-LL Management Server is ideal for medium-sized environments where no internal RAID protection for the operating system is needed and a dense form factor is required.

Please refer to the respective application data sheets to get detailed information.

**Notice**

The MHW-S360R7-LL base unit does not come with a predefined language but offers a choice of language options. One of the localization kits listed under **Ordering Information** must be selected when ordering.

The MHW-S360R7-LLUS base unit comes with an US localization kit.

**Parts Included**

Quantity	Components
1	HP DL360 G7 CTO Chassis
1	<ul style="list-style-type: none"> <li>HP E5606 DL360 G7 Processor</li> </ul>
2	<ul style="list-style-type: none"> <li>HP 2 GB 2Rx8 PC3-10600R-9 Memory</li> </ul>
1	<ul style="list-style-type: none"> <li>HP Slim 12.7 mm SATA DVD Optical</li> </ul>
1	<ul style="list-style-type: none"> <li>HP 146 GB 3 G SAS 10 K 2.5 in DP ENT HDD</li> </ul>
1	<ul style="list-style-type: none"> <li>HP SC11Xe SCSI HBA</li> </ul>
2	<ul style="list-style-type: none"> <li>HP 460 W HE 12 V Hotplug AC Power Supply</li> </ul>
1	MS Windows Server 2008 R2 Standard Edition, 64 bit
1	HP HW Support, 3-year standard warranty, Next Business Day

**Technical Specifications**

Electrical	
Input requirements (per 460 W power supply)	
<ul style="list-style-type: none"> <li>rated line voltage</li> </ul>	100 to 120 VAC, 200 to 240 VAC
<ul style="list-style-type: none"> <li>rated input current</li> </ul>	4.5 A (at 100 VAC)
<ul style="list-style-type: none"> <li></li> </ul>	2.2 A (at 200 VAC)
<ul style="list-style-type: none"> <li>rated input frequency</li> </ul>	50 to 60 Hz
<ul style="list-style-type: none"> <li>rated input power</li> </ul>	526 W (at 100 VAC)
<ul style="list-style-type: none"> <li></li> </ul>	505 W (at 200 VAC)
BTU rating	1773 BTU/h (at 100 VAC)
	1715 BTU/h (at 200 VAC)
Output power (per power supply)	
<ul style="list-style-type: none"> <li>rated steady-state power</li> </ul>	460 W (at 100 to 120 VAC)
	460 W (at 200 to 240 VAC)

<ul style="list-style-type: none"> <li>maximum peak power</li> </ul>	460 W (at 100 to 120 VAC)
	460 W (at 200 to 240 VAC)
Mechanical	
Dimensions (H x W x D)	4.32 x 42.62 x 69.22 cm (1.70 x 16.78 x 27.25 in)
Environmental	
System inlet temperature	
<ul style="list-style-type: none"> <li>operating</li> </ul>	10 °C to 35 °C (50 °F to 95 °F) at sea level with an altitude derating of 1.0 °C per every 305 m (1.8 °F per every 1000 ft) above sea level to a maximum of 3050 m (10,000 ft), no direct sustained sunlight. Maximum rate of change is 10 °C/h (18 °F/h). The upper limit may be limited by the type and number of options installed.
	System performance may be reduced if operating with a fan fault or above 30 °C (86 °F).
<ul style="list-style-type: none"> <li>non-operating</li> </ul>	-40 °C to 70 °C (-40 °F to 158 °F). Maximum rate of change is 20 °C/h (36 °F/h).
Relative humidity	
<ul style="list-style-type: none"> <li>operating</li> </ul>	10 to 90% relative humidity (Rh), 28 °C (82.4 °F) maximum wet bulb temperature, non-condensing
<ul style="list-style-type: none"> <li>non-operating</li> </ul>	5 to 95% relative humidity (Rh), 38.7 °C (101.7 °F) maximum wet bulb temperature, non-condensing

**Notes:**

- General technical specifications for the server are provided in the HP DL360 G7 QuickSpecs (Worldwide – Version 16 – November 5, 2010).
- Configuration specifications are supplied in the Parts Included section.

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**Ordering Information****MHW-S360R7-LL Management Server**

Entry-level server, standard performance (localization kit must be ordered separately)

Order number **MHW-S360R7-LL**

**MHW-S360R7-LLUS Management Server**

Entry-level server, standard performance, including US localization kit

Order number **MHW-S360R7-LLUS**

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**Accessories**

**MHW-AWLCK-DE**

Localization (Keyboard): Germany—German  
Order number **MHW-AWLCK-DE**

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**MHW-AWLCK-FR**

Localization (Keyboard): France—French  
Order number **MHW-AWLCK-FR**

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**MHW-AWLCK-IT**

Localization (Keyboard): Italy—Italian  
Order number **MHW-AWLCK-IT**

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**MHW-AWLCK-UK**

Localization (Keyboard): United Kingdom—British  
English  
Order number **MHW-AWLCK-UK**

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**MHW-ASILO-ADP ILO Advanced Pack ALL**

Integrated Lights Out remote management package  
Order number **MHW-ASILO-ADP**

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**MHW-ASCP-3Y4H HW Support, 4 hrs, 24x7, 3 yrs**

HP Care Pack: 4 hours reaction time, 24x7, 3 years  
(registration required)  
Order number **MHW-ASCP-3Y4H**

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