



# Hewlett Packard HPE Support Center Enterprise

## HPE ProLiant DL80 Gen9 Server - Overview

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### Product description



The HPE ProLiant DL80 Gen9 Server is designed with affordable storage, networking and processor scalability, and manageability in a 2U server for cost conscious service provider and SMBs. Apart from basic IT infrastructure workloads this server is ideal for running storage capacity intensive applications like cold storage, back-up due to compelling cost/GB that it offers.

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### What's new

- HPE Smart Memory 2400 MHz memory
- Intel Xeon E5-2600v4 processor support
- HPE Trusted Platform Module (TPM) 2.0
- New 900 W ac/ 240 V dc power supply
- New SATA Hot Plug Standard drives

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### Product features

Feature

Description

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<b>Chipset (One of the following depending on model)</b>	<ul style="list-style-type: none"> <li>Intel C610 Series Chipset</li> <li>Intel E5-2600v3 Processor Family</li> <li>Intel E5-2600v4 Processor Family</li> </ul>																																																																																																																																																			
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<b>Power supply (One of the following depending on model)</b>	<ul style="list-style-type: none"> <li>• HPE 550 W FIO Power Supply</li> <li>• HPE 800 W/900 W Gold AC Power Input Module</li> </ul>															
<b>System fans (One of the following depending on model)</b>	<table border="1"> <thead> <tr> <th></th> <th style="text-align: left;">Non-redundant</th> <th style="text-align: left;">Redundant</th> </tr> </thead> <tbody> <tr> <td>1P model</td> <td>2 fans</td> <td>4 fans</td> </tr> <tr> <td>2P model</td> <td>4 fans</td> <td>5 fans</td> </tr> </tbody> </table>		Non-redundant	Redundant	1P model	2 fans	4 fans	2P model	4 fans	5 fans						
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<b>Upgradeability (One of the following depending on model)</b>	<ul style="list-style-type: none"> <li>• Upgradeable to two processors (24 cores)</li> <li>• up to 8 DIMM slots</li> <li>• FlexibleLOM slot for 1 Gigabit or 10 Gigabit Ethernet or QDR/FDR InfiniBand networking options</li> <li>• Redundant power supply</li> <li>• Redundant fan</li> </ul>															

Feature	Description
<b>Industry standard compliance</b>	<ul style="list-style-type: none"> <li>• ACPI 2.0b Compliant</li> <li>• PCIe 3.0 Compliant</li> <li>• PXE Support</li> <li>• WOL Support</li> <li>• Microsoft Logo certifications</li> <li>• USB 3.0 Support</li> <li>• ASHRAE A3</li> </ul>
<b>Graphics</b>	Integrated Matrox G200eH2 video standard <ul style="list-style-type: none"> <li>• 1280 x 1024 (32 b/p)</li> <li>• 1920 x 1200 (16 b/p)</li> </ul>
<b>Form factor</b>	<ul style="list-style-type: none"> <li>• 2U Rack form factor</li> <li>• All models ship with Easy Install rails (Cable management arm optional)</li> <li>• 8 LFF Drive Bay Version:               <ul style="list-style-type: none"> <li>◦ (H x W x L ) 8.75 x 44.55 x 60.70 cm(3.44 x 17.54 x 23.9 in)</li> </ul> </li> <li>• 12 LFF Drive Bay Version:               <ul style="list-style-type: none"> <li>◦ (H x W x L ) 8.75 x 44.55 x 60.70 cm(3.44 x 17.54 x 23.9 in)</li> </ul> </li> </ul>
<b>Security</b>	<ul style="list-style-type: none"> <li>• Power-on password</li> <li>• Serial interface control</li> <li>• Administrator's password</li> <li>• TPM 1.2</li> <li>• UEFI</li> <li>• TPM 2.0</li> </ul>

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**NOTE:** 1. TPM 2.0 works only in UEFI Mode.

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## Software overview

Feature	Description
<b>Operating systems and virtualization software support for ProLiant servers</b>	<ul style="list-style-type: none"> <li>• Microsoft Windows Server</li> <li>• Red Hat Enterprise Linux (RHEL)</li> <li>• SUSE Linux Enterprise Server (SLES)</li> <li>• Oracle Solaris</li> <li>• VMware</li> </ul>

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## Link to product specifications

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## Link to driver, firmware, software and manuals

[Click here to access the updated driver, firmware, software and manuals.](#)

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