

## Produktinformation



### Information

|                    |                            |
|--------------------|----------------------------|
| <i>Tillverkare</i> | Hewlett Packard Enterprise |
| <i>Artnr</i>       | PERFDL360-013              |

## HPE ProLiant DL360 Gen10 SMB - rack-mountable - Xeon Silver 4210R 2.4 GHz - 16 GB

Does your data center need a secure, performance driven dense server that you can confidently deploy for virtualization, database, or high-performance computing? The HPE ProLiant DL360 Gen10 server delivers security, agility and flexibility without compromise.

## Specifikation

### General

|                            |                     |
|----------------------------|---------------------|
| <b>Type</b>                | Server              |
| <b>Product Form Factor</b> | Rack-mountable - 1U |
| <b>Built-in Devices</b>    | Led panel           |
| <b>Server Scalability</b>  | 2-way               |
| <b>Hot-Swap Bays Qty</b>   | 8                   |

### Processor / Chipset

|                                |  |
|--------------------------------|--|
| <b>CPU</b>                     | Intel Xeon Silver 4210R / 2.4 GHz                          |
| <b>Max Turbo Speed</b>         | 3.2 GHz  |
| <b>Number of Cores</b>         | 10-core  |
| <b>CPU Qty</b>                 | 1  |
| <b>Max CPU Qty</b>             | 2  |
| <b>CPU Upgradability</b>       | Upgradable   |
| <b>Processor Main Features</b> | Hyper-Threading Technology, Intel Turbo Boost Technology 2 |
| <b>CPU Socket</b>              | FCLGA3647 Socket   |
| <b>Chipset Type</b>            | Intel C621   |

### Cache Memory

|                            |                     |
|----------------------------|---------------------|
| <b>Installed Size_old</b>  | L3 Cache - 13.75 MB |
| <b>Cache Per Processor</b> | 13.75 MB            |

|                                     |   |
|-------------------------------------|---|
| RAM                                 |   |
| <b>Installed Size</b>               | 16 GB / 1.5 TB (max)  |
| <b>Technology</b>                   | DDR4 SDRAM - Advanced ECC   |
| <b>Effective Memory Speed</b>       | 2400 MHz  |
| <b>Rated Memory Speed</b>           | 2933 MHz  |
| <b>Form Factor</b>                  | DIMM 288-pin  |
| <b>Slots</b>                        | 24 (Total) / 23 (empty)   |
| <b>Features</b>                     | Registered, dual rank, slots 13 - 24 are available in two-processor configuration only, HPE SmartMemory |
| <b>Configuration Features</b>       | 1 x 16 GB   |
| <b>RAM Supported</b>                | 3 TB Load-Reduced - ECC 1.5 TB registered - ECC 192 GB Non-Volatile - ECC                               |
| Hard Drive                          |   |
| <b>Type</b>                         | No HDD  |
| Storage Controller                  |   |
| <b>Type</b>                         | 1 x SATA  |
| <b>Controller Interface Type</b>    | SATA 6Gb/s  |
| <b>Storage Controller Name</b>      | HPE Smart Array S100i SR Software   |
| <b>Channel Qty</b>                  | 14  |
| Optical Storage                     |   |
| <b>Type</b>                         | No optical drive  |
| Card Reader                         |   |
| <b>Type</b>                         | Card reader   |
| <b>Supported Flash Memory Cards</b> | microSD   |
| Monitor                             |   |
| <b>Monitor Type</b>                 | None.   |
| Graphics Controller                 |   |
| <b>Video Memory</b>                 | 16 MB   |
| <b>Video Interfaces</b>             | VGA   |
| Networking                          |   |
| <b>Ethernet Ports</b>               | 4 x Gigabit Ethernet  |
| <b>Ethernet Controller</b>          | HPE 331i  |
| <b>Data Link Protocol</b>           | Ethernet, Fast Ethernet, Gigabit Ethernet   |
| <b>Remote Management Protocol</b>   | SNMP 3, IPMI 2.0, SMASH CLP   |
| <b>Remote Management Controller</b> | Integrated Lights-Out 5   |
| <b>Features</b>                     | Wake on LAN (WoL), PXE support  |
| Expansion / Connectivity            |   |

|                                |  |
|--------------------------------|--|
| <b>Bays</b>                    | 8 (total) / 8 (free) x hot-swap 2.5" SFF 1 (total) / 1 (free) x external Universal Media Bay   |
| <b>Slots</b>                   | 1 (total) / 1 (free) x FlexibleLOM (low-profile) 1 (total) / 1 (free) x PCIe 3.0 x16 - full-height 1 (total) / 1 (free) x PCIe 3.0 x8 (low-profile) 1 (total) / 1 (free) x microSD Card (internal)   |
| <b>Interfaces</b>              | 14 x SATA-600 1 x HPE iLO - RJ-45 (1 rear) 1 x VGA (1 rear) 4 x LAN (Gigabit Ethernet) - RJ-45 (4 rear) 1 x HPE iLO - Type A (1 in front) 2 x USB 3.0 (2 rear) 1 x PoweredUSB 3.0 (1 in front) 2 x USB 3.0 (1 front, 1 internal)   |
| Miscellaneous                  |  |
| <b>Included Accessories</b>    | CPU standard heatsink, 5 x standard hot plug fans  |
| <b>Compliant Standards</b>     | AES, FIPS 140-2, IPv6 Ready, PCI DSS, TLS v1.2, FIPS 201 PIV, ASHRAE Class A4, ASHRAE Class A3, WEEE 2002/95/EC, ACPI 6.1  |
| Power                          |  |
| <b>Device Type</b>             | Power supply - hot-plug  |
| <b>Power Redundancy</b>        | Optional   |
| <b>Power Redundancy Scheme</b> | 1+1 (with optional power supply)   |
| <b>Installed Qty</b>           | 1  |
| <b>Max Supported Qty</b>       | 2  |
| <b>Nominal Voltage</b>         | AC 120/230 V (50/60 Hz)  |
| <b>Power Provided</b>          | 500 Watt   |
| Operating System / Software    |  |
| <b>OS Certified</b>            | CentOS, Microsoft Windows Server 2012 R2, VMware vSphere 6.0 (ESXi), SuSE Linux Enterprise Server 11 SP4, Microsoft Windows Server 2016, Red Hat Enterprise Linux 7.3, Red Hat Enterprise Linux 6.9, VMware vSphere 6.5 (ESXi), SuSE Linux Enterprise Server 12 SP2, ClearOS |
| <b>Software</b>                | HPE Server UEFI  |
| Environmental Standards        |  |
| <b>ENERGY STAR Certified</b>   | Yes  |
| <b>ENERGY STAR Version</b>     | 2.1  |
| Manufacturer Warranty          |  |
| <b>Service &amp; Support</b>   | Limited warranty - parts and labour - 3 years - on-site - response time: next business day   |
| Dimensions & Weight            |  |
| <b>Width</b>                   | 43.46 cm   |
| <b>Depth</b>                   | 70.7 cm  |
| <b>Height</b>                  | 4.29 cm  |
| <b>Weight</b>                  | 13.04 kg   |
| Environmental Parameters       |  |

|                                  |                          |
|----------------------------------|--------------------------|
| <b>Min Operating Temperature</b> | 10 °C                    |
| <b>Max Operating Temperature</b> | 35 °C                    |
| <b>Humidity Range Operating</b>  | 8 - 90% (non-condensing) |