

# P00924-B21 Datasheet



## Overview

[P00924-B21](#) is the HPE 32GB (1x32GB) Dual Rank x4 DDR4-2933 CAS-21-21-21 Registered Smart Memory Kit.

### Quick Spec

Figure 1 shows the appearance of P00924-B21.



Table 1 shows the quick spec of P00924-B21.

Part Number	P00924-B21
DIMM Capacity	32GB
DIMM Native Speed (MT/s)	2933 MT/s
DIMM Rank	Dual
DIMM Type	RDIMM
Platform Supported	HPE ProLiant Rack/Tower/BladeSystem Servers/Synergy

### Product Details

Figure 2 shows the front panel of P00924-B21.



P00924-B21 provides these features:

#### High Performance

- HPE DDR4 3200 MT/s SmartMemory provides improvements in bandwidth in comparison to DDR4 2933 MT/s memory modules.

- HPE DDR4 SmartMemory delivers improvements in latency at 3200 MT/s in comparison to DDR4 2933 MT/s memory modules.

### High Reliability

- Hewlett Packard Enterprise tests and qualifies HPE DDR4 SmartMemory modules on all HPE server platforms to deliver the highest level of signal integrity.
- HPE DDR4 SmartMemory prevents unnecessary DIMM replacement and reduces server downtime with advanced memory error detection technology.
- HPE uses the highest quality materials for its DDR4 server memory, reducing issues that may affect signal integrity and increasing system reliability.
- HPE provides server memory that performs above industry standards, enabling customers to increase the performance of their servers without having to increase the amount of memory purchased.

## Platform Supported

Table 2 shows the supported platforms.

Model	Description
P19717-B21	HPE DL380 Gen10 8LFF NC CTO Svr
P19718-B21	HPE DL380 Gen10 12LFF NC CTO Svr
P19720-B21	HPE DL380 Gen10 8SFF NC CTO Svr
P23579-AA1	HPE ProLiant DL360 Gen10 4214R 2.4GHz 12-core 1P 32GBR P408i-a 8SFF 500W PS Performance Server N C
P23575-AA1	HPE DL360 Gen10 3206R (8-Core, 1.9 GHz, 85W) 1P 16G NC P408i-a 2G 8SFF 500W Svr
P23578-AA1	HPE DL360 Gen10 4210R (10-Core, 2.4 GHz, 100W) 1P 16G NC P408i-a 2G 8SFF500W Svr
P25215-AA1	HPE Proliant DL388 G10 3206R (8-Core, 1.9 GHz, 85W) 1P 16G P408i-a NC 8SFF 500W PS server
P25216-AA1	HPE Proliant DL388 G10 4210R (10-Core, 2.4 GHz, 100W) 1P 16G P408i-a NC 8SFF 800W PS server
P25217-AA1	HPE Proliant DL388 G10 4214R (12-Core, 2.4 GHz, 100W) 1P 16G P408i-a NC 8SFF 800W PS server

## Compare to Similar Items

Table 3 shows the comparison.

Part Number	P00922-B21	P00924-B21	P00926-B21
DIMM Capacity	16GB	32GB	64GB
DIMM Native Speed (MT/s)	2933 MT/s	2933 MT/s	2933 MT/s
DIMM Rank	Dual	Dual	Quad
DIMM Type	RDIMM	RDIMM	LRDIMM

# Specification

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P00924-B21 Specification	
DIMM Capacity	32GB
DIMM Native Speed (MT/s)	2933 MT/s
DIMM Rank	Dual
DIMM Type	RDIMM
Voltage	1.2 V
Product Dimensions (imperial)	3.5 x 7.8 x 0.75 in
Product Dimensions (metric)	8.89 x 19.05 x 1.91 cm
Platform Supported	HPE ProLiant Rack/Tower/BladeSystem Servers/Synergy

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