ComX Computers
Product Specification Sheet

QW917A

HP D2220sb Build-to-order Storage Blade

Product Overview

HP D2220sb Build-to-order Storage Blade



Specifications

Overview:

Do you need a direct attached or shared storage solution within your BladeSystem enclosure? The D2220sb Storage Blade delivers direct attached storage for c-Class Gen8 blade servers, with support for up to twelve SFF SAS hard disk drives or SAS/SATA SSDs or SATA Midline hard drives. The enclosure backplane provides a PCI Express connection to the adjacent c-Class server blade and enables high performance storage access without any additional cables.

The D2220sb features the onboard Smart Array P420i controller with 2 GB flash-backed write cache, for increased performance and data protection. Up to eight D2220sb storage devices can be supported in a single BladeSystem c7000 enclosure for up to 115.2 TB.

Use the HP StoreVirtual VSA to turn the D2220sb into an iSCSI SAN for use by all severs in the enclosure and any server on the network. VSA includes remote replication capabilities, thin provisioning, and snapshot.

Features:

High-Performance Direct Attached Storage

- The HP D2220sb Storage Blade supports twelve universal small form factor hot-plug SAS hard disk drives (or SAS/SATA SSDs or SATA Midline hard disk drives) which expand the spindle count for the adjacent blade server.
- High-speed PCI Express (PCIe) connection to adjacent c-Class server blade provides peak DAS performance.
- The D2220sb Storage Blade includes an HP Smart Array P420i controller 2 GB flash-backed write cache, for increased performance and data protection.
- Up to eight D2220sb storage devices can be supported off a single BladeSystem c7000 enclosure for up to 115.2 TB of capacity.

Internal Shared Storage

- Build scalable internal shared storage with the D2220sb Storage Blade and HP StoreVirtual VSA. Storage can scale within the same c-Class BladeSystem enclosure or across enclosures via iSCSI.
- The HP StoreVirtual VSA provides a scalable iSCSI SAN based on a clustered storage architecture, and includes remote replication capabilities, thin provisioning, and snapshots.
- Expand capacity by adding D2220sb and HP StoreVirtual VSA within the same enclosure or to additional enclosures.

Compact yet Flexible

- The D2220sb Storage Blade plugs directly into any c-Class enclosure with no additional cabling needed, providing dedicated storage for the adjacent server blade.
- The Smart Array P420i controller supports RAID 0, 1, 10, 5, 6 with Advanced Data Guarding (ADG) for a choice of RAID options.
- The D2220sb supports twelve drive bays with SAS/SATA/SSD technology where you can choose from a range of small form factor (SFF) drives.

Familiar ProLiant Management

- Simple configuration: Use the browser-based Array Configuration Utility (ACU) to configure your array, add additional disk drives to an existing configuration, or completely reconfigure your disk drive array.
- Receive hard drive pre-failure alerts: Manage the D2220sb and receive hard drive pre-failure alerts through HP Systems Insight Manager.
- Manage storage remotely: Manage your D2220sb remotely using the adjacent blade server's integrated Light's Out (iLO) technology.

Specifications:

© 2015 Respective owners and brand holders. This table has been carefully researched and generated by ComXpert International CC (http://www.comx.co.za), however, errors and omissions may occur. Only references to South Africa apply. All products are sourced in South Africa from the official suppliers and the warranty is that of the local supplier. E&OE. This table and our site's content may be used on condition that this notice and link remains intact and unaltered.

Specifications	
Product Code	QW917A
Capacity	0TB
	Included
	Supports 14.4 TB SAS maximum depending on drive type
Drive description	(12) SFF SAS/SATA/SSD
	Supported
Storage controller	(1) Smart Array P420i/2GB FBWC
Compatible operating systems	Microsoft Windows Server 2008 R2
	Red Hat Enterprise Linux (RHEL)
	SUSE Linux Enterprise Server (SLES)
	VMware ESX and ESXi
	Please refer to D2220 QS for more details.
Form factor	Half-height

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/QW917A-HP-D2220sb-Build-to-order-Storage-Blade-p-125065.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx-computers.co.za/terms-of-use.php
Terms of Sale: https://www.comx-computers.co.za/terms-of-sale.php

PDF generated: 2026-11-20 06:27:13.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.