

HPE SSD Selector V2.0.1

Introduction

SSD selector helps the customer to choose the right SSD for their needs. In this documentation explain the product and its features.

What is SSD?

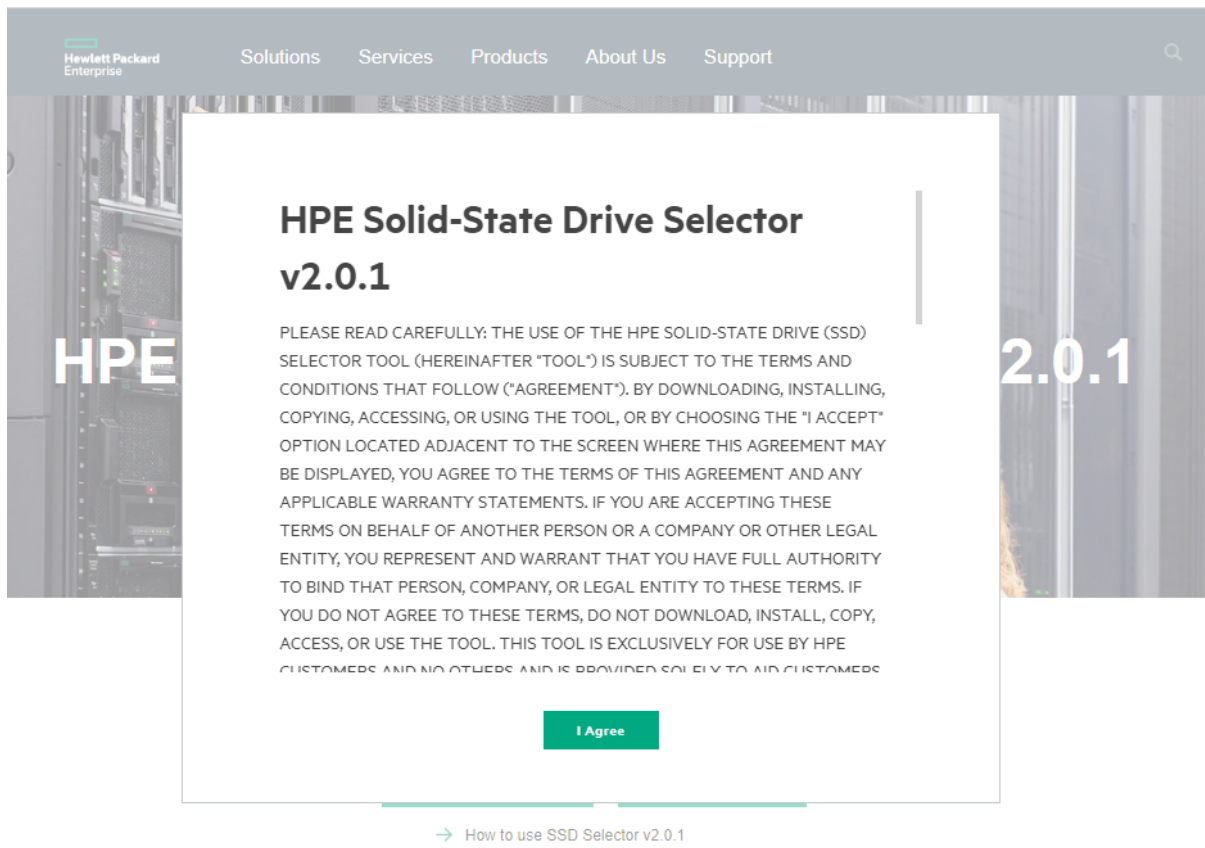
SSD – Solid State Drive is a new generation of storage device. It is Significantly faster due to their low read access time and fast throughputs.

How HPE is Support for SSD?

HPE is support their Customer to select the SSD based on the workload, Server type, Drive Capacity, Interface, and Form factor.

Search the SSD Based on the Server type and Server Model

If the Customer knows what they are looking for in the search box, they can enter the search keyword column fill with Option SKUID. It will display the exact SSD or else change the server type and server model based on that the result will display. Also, we can adjust the slider to get the required SSD.



The result page can directly see from home page by clicking **I know what I need**, or else if we do not know what to search, we can click **Help Me Choose** option from home page.

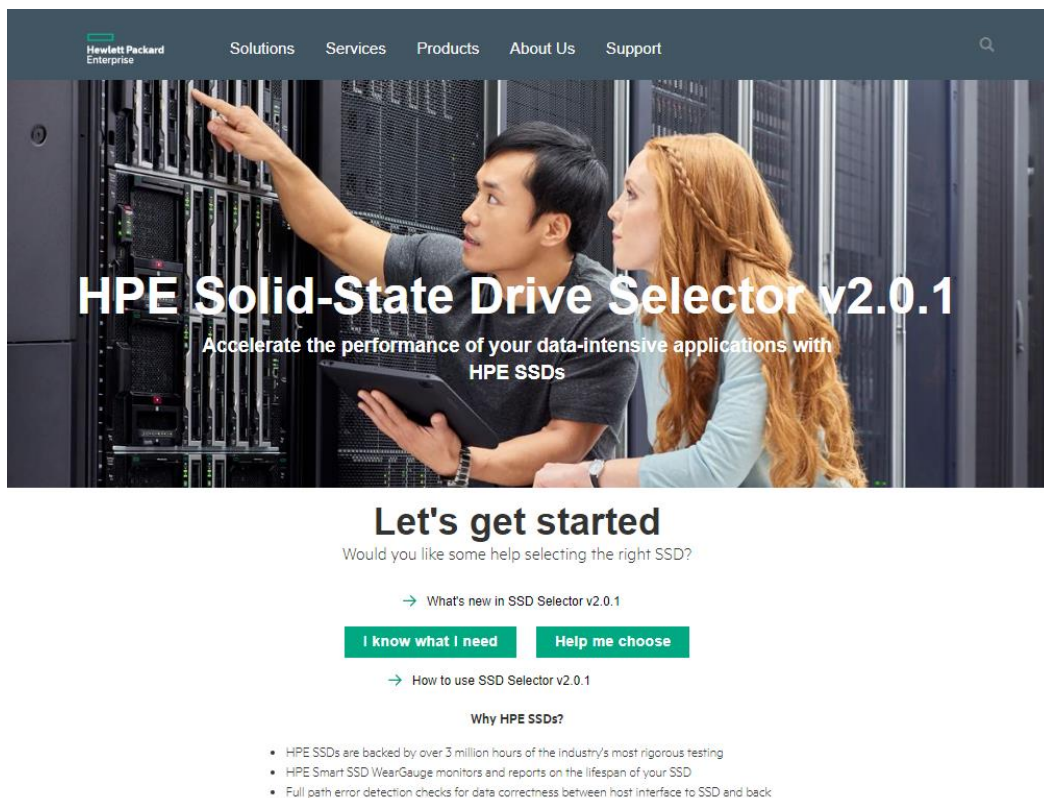


Fig 1.1: Home Page

Help me Choose Option

- 1.1 Help me to choose option will redirect to workload page. This page contains 4 options Read option, Read/Write option, write option and Very Read Optimized, Refer Figure 1.2 (a)

Very Read Optimized (VRO): - Workloads such as Real-time Analytics, Content Delivery, and Large Block Database & BI are considered VERY READ performance driven. For good VERY READ performance, select Very Read Optimize (VRO) SSDs.

Read Intensive: - A read-intensive solid-state drive (SSD) is a storage or caching device intended for use with applications that write data infrequently. Workloads such as web servers, social media, and boot are considered READ performance driven. For good READ performance, select Read Intensive (RI) SSDs.

Mixed Use (Read/Write): - Workloads with balanced READ and WRITE needs are considered mixed use. For a good balance of performance and price, select Mixed Use (MU) SSDs.

Write Intensive: - Workloads such as big data analytics, virtualization or business intelligence are considered WRITE performance driven. For the best performance, select Write Intensive (WI) SSDs.

The screenshot shows the 'HPE Solid-State Drive Selector v2.0.1' interface. At the top is a navigation bar with links: Solutions, Services, Products, About Us, Support, and a search icon. Below the navigation bar is the title 'HPE Solid-State Drive Selector v2.0.1'. A breadcrumb trail reads: Workload > SSD type > Server type > Interface type > Form factor > Best Availability > Results. The main heading is 'Select Your Workload(s) from the List Below', followed by the subtext 'Check All Workloads That Apply' and a link 'To Learn More About Workloads Click Here'. The workload selection area is divided into four columns, each with a list of workloads and a note. The first column lists AI, ML, DL Data Lakes, Content Delivery, Large Block Database & Object Stores, and Real-time Analytics. The second column lists Active Archiving, Analytics, Batch, Boot/Swap, Cloud Computing & Storage, Database (low end), and Email. The third column lists Business Processing, Cloud Computing & Storage, Collaboration (SharePoint), Database (Mid-Range), General Business Applications, IT Infrastructure (File/Print), and Monolithic Applications. The fourth column lists Big Data Analytics, Storage & Database, Business Intelligence, Cloud Computing, Collaboration Infrastructure, Data Warehousing, and Enterprise Business Processes. Each column has a note explaining the typical SSD performance characteristics for those workloads. At the bottom, there is a checkbox for 'Select All / I Don't Know Yet', and 'Back' and 'Next' buttons.

Workload > SSD type > Server type > Interface type > Form factor > Best Availability > Results >

Select Your Workload(s) from the List Below

Check All Workloads That Apply
[To Learn More About Workloads Click Here](#)

Workload	Workload	Workload	Workload
<input type="checkbox"/> AI	<input type="checkbox"/> Active Archiving	<input type="checkbox"/> Business Processing	<input type="checkbox"/> Big Data Analytics
<input type="checkbox"/> ML	<input type="checkbox"/> Analytics	<input type="checkbox"/> Cloud Computing & Storage	<input type="checkbox"/> Storage & Database
<input type="checkbox"/> DL Data Lakes	<input type="checkbox"/> Batch	<input type="checkbox"/> Collaboration (SharePoint)	<input type="checkbox"/> Business Intelligence
<input type="checkbox"/> Content Delivery	<input type="checkbox"/> Boot/Swap	<input type="checkbox"/> Database (Mid-Range)	<input type="checkbox"/> Cloud Computing
<input type="checkbox"/> Large Block Database & Object Stores	<input type="checkbox"/> Cloud Computing & Storage	<input type="checkbox"/> General Business Applications	<input type="checkbox"/> Collaboration Infrastructure
<input type="checkbox"/> Real-time Analytics	<input type="checkbox"/> Database (low end)	<input type="checkbox"/> IT Infrastructure (File/Print)	<input type="checkbox"/> Data Warehousing
	<input type="checkbox"/> Email	<input type="checkbox"/> Monolithic Applications	<input type="checkbox"/> Enterprise Business Processes

Note: The workloads in this column are typically addressed with SSDs with high Very Read Optimised performance. You will have the opportunity to choose VERY READ OPTIMISED as a "SSD Type" on the next screen.

Note: The workloads in this column are typically addressed with lower priced SSDs, with a focus on READ performance. You will have the opportunity to choose READ Intensive as a "SSD Type" on the next screen.

Note: Note: The workloads in this column typically require a balance of price and READ/WRITE performance. You will have the opportunity to choose Mixed Use as a "SSD Type" on the next screen.

Note: The workloads in this column are typically addressed with SSDs with high WRITE performance. You will have the opportunity to choose WRITE Intensive as a "SSD Type" on the next screen.

☐ Select All / I Don't Know Yet

[Back](#) [Next](#)

Fig 1.2: Workload Page (a)

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Workload

SSD type

Server type

Interface type

Form factor

Best Availability

Results

Select Your Workload(s) from the List Below

Check All Workloads That Apply

→ To Learn More About Workloads Click Here

☐ AI
 ☒ ML
 ☐ DL Data Lakes
 ☐ Content Delivery
 ☐ Large Block Database &
 ☐ Object Stores
 ☐ Real-Time Analytics

Note: The workloads in this column are typically addressed with SSDs with high Very Read Optimised performance. You will have the opportunity to choose VERY READ OPTIMISED as a "SSD Type" on the next screen.

☐ Active Archiving
 ☐ Analytics
 ☐ Batch
 ☐ Boot/Swap
 ☒ Cloud Computing & Sto
 ☐ Database (low end)
 ☐ Email

Note: The workloads in this column are typically addressed with lower priced SSDs, with a focus on READ performance. You will have the opportunity to choose READ Intensive as a "SSD Type" on the next screen.

☐ Collaboration (SharePoi
 ☐ Database (Mid-Range)
 ☐ General Business Appli
 ☐ IT Infrastructure (File/Pr
 ☐ Monolithic Applications
 ☐ Scientific and Engineeri
 ☒ Virtualization (Medium D

Note: Note: The workloads in this column typically require a balance of price and READ/WRITE performance. You will have the opportunity to choose Mixed Use as a "SSD Type" on the next screen.

☐ Big Data Analytics
 ☐ Storage & Database
 ☒ Business Intelligence
 ☐ Cloud Computing
 ☐ Collaboration Infrastructure
 ☐ Data Warehousing
 ☐ Enterprise Business Pro

Note: The workloads in this column are typically addressed with SSDs with high WRITE performance. You will have the opportunity to choose WRITE Intensive as a "SSD Type" on the next screen.

☐ Select All / I Don't Know Yet


Back

Next

1.3 “Select All/ I Don’t Know Yet”, This option is to select all options when user do not know about the Workload. Select All Refer Fig 1.2 (c)

Fig 1. 2 Workload Page (c)

1.4 Based on the workload option customer will redirect to SSD type page, based on your previous selection this page will auto select the SSD type like Very Read optimization/ Read Intensive /read write optimization/ Write Intensive, Here we can change our SSD type also by clicking the checkbox. Refer SSD Fig 1.4

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HPE Solid-State Drive Selector v2.0.1

Workload > SSD type > Server type > Interface type > Form factor > Best Availability > Results >

Based on the workload choices you just made, choose your SSD Type(s)

<div>VRO</div> <p>Very Read Optimized : Workloads such as Real-time Analytics, Content Delivery, and Large Block Database & BI are considered VERY READ performance driven. For good VERY READ performance, select Very Read Optimize (VRO) SSDs.</p> <div><input checked="" type="checkbox"/> Very Read Optimized</div>	<div>RI</div> <p>Read Intensive: Workloads such as web servers, social media, and boot are considered READ performance driven. For good READ performance, select Read Intensive (RI) SSDs.</p> <div><input checked="" type="checkbox"/> Read Intensive</div>	<div>MU</div> <p>Mixed Use: Workloads with balanced READ and WRITE needs are considered mixed use. For a good balance of performance and price, select Mixed Use (MU) SSDs.</p> <div><input checked="" type="checkbox"/> Mixed Use</div>	<div>WI</div> <p>Write Intensive: Workloads such as big data analytics, virtualization or business intelligence are considered WRITE performance driven. For the best performance, select Write Intensive (WI) SSDs.</p> <div><input checked="" type="checkbox"/> Write Intensive</div>
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☒ Select All / I Don't Know Yet

Back

Next

Fig 1.4 SSD Page

1.5 After selecting the SSD type the Page will redirect to server type. Here people can select their server type based on that server model they can select. Refer Fig 1.5 Server Type

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HPE Solid-State Drive Selector v2.0.1

Workload > SSD type > **Server type** > Interface type > Form factor > Best Availability > Results >

Server type, Model and Capacity

Choose a server type
-- Please select server type --

Choose a server model
-- Server Model --

Capacity
0 (TB) 15.36 (TB)

☐ Select All / I Don't Know Yet

Back Next

Fig 1.5: Server Type

Click on “Please server type” drop down, where user need to select the server type based on the Good, Best and Better suggested in the Server Type page refer 1.5 Server Type (a)

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Workload > SSD type > **Server type** > Interface type > Form factor > Best Availability > Results >

Server type, Model and Capacity

Choose a server type
-- Please select server type --
HPE ProLiant 100 Series
HPE ProLiant 300 Series
HPE ProLiant 500 Series
HPE ProLiant BL C-Class
HPE Mission Critical Systems
HPE Apollo Systems
HPE Synergy

Choose a server model
-- Server Model --

Capacity
0 (TB) 15.36 (TB)

☐ Select All / I Don't Know Yet

Back Next

Fig 1.5 Server Type (a)

Select the Server Type refer Fig 1.5 Server Type (a), After selecting the server, select the Server Model from the drop down. If Server model is available, then Server Model drop down gets enabled. refer Fig 1.5 Server Type (b)

Fig 1.5 Server Type (b)

1.6 once the server type selection completed by clicking on next button user will move on to capacity page. Based on server type by default it will show the maximum capacity. By adjusting the slider, we can specify the maximum capacity we need. Refer Capacity Page Fig 1.6



Fig 1.6 Capacity (a)

Based workload capacity of the SSD will be displayed, here user modified the SSD capacity from minimum to maximum based on the requirement. Modifying the SSD Capacity by sliding from Maximum to Minimum and Vice Versa. Refer Fig 1.6 Capacity Page (b) and Fig 1.6 Capacity Page (c)



Fig 1.6 Capacity (b)



Fig 1.6 Capacity (c)

1.7 Once the Capacity is selected click on Next button, it redirects to Interface page, where options are auto selected based on the previous configurations. And other options are in disable mode which does not support for the configurations. Refer Fig 1.7 Interface Page

Interface Page options are

1. **SATA:** - Serial ATA is a bus interface that connects host bus adapters to storage devices such as solid-state drives. HPE SATA SSDs support 6 Gbit/s for scalable performance. SATA is good for direct connect use cases
2. **SAS:** - Serial Attached SCSI is a performance and bandwidth improvement over SATA that supports full-duplex and other features. SAS is good at sharing links, and thus SAS SSDs do well behind expanders. HPE SAS SSDs support 12 Gbit/s.
3. **NVMe:** - NVMe gives you the best performance and best system latency, placing the NAND on the PCIe bus with the system memory and the processor and NVMe offers four to eight lanes of high performance and bandwidth. NVMe, or Non-Volatile Memory Express, is a from-the-ground-up specification that focuses on efficiency, interoperability, scalability, and high performance.

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HPE Solid-State Drive Selector v2.0.1

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Interface type(s)

SATA

Serial ATA:

SATA (Serial ATA) is a bus interface that connects host bus adapters to storage devices such as solid-state drives. HPE SATA SSDs support 6 Gbit/s for scalable performance. SATA is good for direct connect use cases.

☒ SATA
☒ SATA VRO

SAS

Serial Attached SCSI:

SAS (Serial Attached SCSI) is a performance and bandwidth improvement over SATA that supports full-duplex and other features. SAS is good at sharing links, and thus SAS SSDs do well behind expanders. HPE SAS SSDs support 12 Gbit/s.

☒ SAS
☒ VALUE SAS

NVMe

Non-Volatile Memory Express:

NVMe gives you the best performance and best system latency, placing the NAND on the PCIe bus with the system memory and the processor and NVMe offers four to eight lanes of high performance and bandwidth. NVMe, or Non-Volatile Memory Express, is a from-the-ground-up specification that focuses on efficiency, interoperability, scalability, and high performance.

☒ NVMe Mainstream
☒ NVMe High Performance

☒ Select All / ☐ I Don't Know Yet

[Back](#)
[Next](#)

Fig 1.7 Interface Page

In the Interface page, options are auto selected and editable.

1.8 Once the Next button is clicked in the Interface Page, it redirects to Form Factor Page, where Options are auto selected based on the previous configurations. And other options are in disable mode which does not support for the configurations. Refer Fig 1.8 Form Factor

Form Factor SSDs are

3.5" LFF: - Large Form Factor

2.5" SFF: Small Form Factor

Add-In Card

M.2

M.2 Enablement Kit

The screenshot shows the HPE Solid-State Drive Selector v2.0.1 web application. The top navigation bar includes the HPE logo and links for Solutions, Services, Products, About Us, and Support. The main heading is "HPE Solid-State Drive Selector v2.0.1". Below the heading is a breadcrumb trail: Workload > SSD type > Server type > Interface type > Form factor > Best Availability > Results. The current page is titled "Form Factor(s)". It displays five form factor options, each with a checkmark icon and a label: 2.5" SFF, 3.5" LFF, Add-In Card, M.2, and M.2 Enablement Kit. Below these options is a checkbox labeled "Select All / I Don't Know Yet". At the bottom right, there are "Back" and "Next" buttons.

Fig 1.8 Form Factor

In the form factor page, Options are auto selected and editable.

1.9 Once Next button is clicked in the Form Factor Page, it redirects to Best Availability page, this page has two options such as,

a. Mainstream

b. Non-Mainstream


Refer Fig 1.9 Best Availability (a)

By choosing these options Results are displayed based on the option selected in the Best Availability page. Refer Fig 1.9 Best Availability (a)


Mainstream options are selected then High-Performance SSDs are displayed in the Results.

Non-Mainstream option is selected then SSDs are displayed with Low Performance.

Both options are selected through "Select All/I Don't Know Yet" option or individually user can select the Mainstream and Non-Mainstream SSD Category. Fig 1.9 Best Availability (c)



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[Workload](#) > [SSD type](#) > [Server type](#) > [Interface type](#) > [Form factor](#) > [Best Availability](#) > [Results](#) >

Best Availability

☒ Mainstream

Mainstream products are top selling options and technical sweet spots with short lead times and assured supply.


☐ Non Mainstream

☐ Select All / I Don't Know Yet


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Next

Fig 1.9 Best Availability (a)



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Best Availability

☐ Mainstream

Mainstream products are top selling options and technical sweet spots with short lead times and assured supply.

☒ Non Mainstream

☐ Select All / I Don't Know Yet

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Fig 1.9 Best Availability (b)

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Best Availability

☒ Mainstream

Mainstream products are top selling options and technical sweet spots with short lead times and assured supply.

☒ Non Mainstream

☒ Select All / I Don't Know Yet

Back

Next

Fig 1.9 Best Availability (c)

1.10 Once the Next button is clicked in the Best Availability page, Finally the result page will display the suggested SSDs based on our previous selections.

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HPE Solid-State Drive Selector V2.0.1

Suggested SSDs for Your Needs Listed Below

Feedback Export Excel Export CSV Print Start over

● Refine your results

● SSD Portfolio Alignment

● 216 - SSDs meet your requirements

✓ Top Result

SKU:878783-B21

HPE Universal SATA 6G AIC HHHL M.2 SSD Enablement Kit

Mainstream

[Show more](#)

✓ Top Result

SKU:878014-B21

HPE 375GB NVMe Gen3 High Performance Low Latency Write Intensive SFF SCN U.2 P4800X SSD

Mainstream

[Show more](#)

✓ Top Result

SKU:878038-B21

HPE 750GB NVMe Gen3 x4 High Performance Low Latency Write Intensive AIC HHHL P4800X SSD

[Show more](#)

Fig 1.10 Results Page (a)

In the Results Page Suggested SSDs are displayed based on the Previous Selections.

In the Result page consist of three options such as

1. Refine Your Results
2. SSD Portfolio Alignment

3. SSDs meets your requirements.

Click on “Refine Your Results” link, then all selected options are displayed in the page. Such as Refer Image Fig 1.10 Results Page (b)

The screenshot displays the HPE Solid-State Drive Selector V2.0.1 interface. At the top, there is a navigation bar with links for Solutions, Services, Products, About Us, and Support. Below this, the title "HPE Solid-State Drive Selector V2.0.1" is prominently displayed, followed by the subtitle "Suggested SSDs for Your Needs Listed Below".

On the right side of the header, there are links for Feedback, Export Excel, Export CSV, Print, and Start over. Below the header, a "Refine your results" button is visible.

The main content area is divided into several sections for filtering and selection:

- SSD Workload:** Includes checkboxes for Very Read Optimization, Read Intensive, Mixed Use, and Write Intensive.
- Interface type:** Includes checkboxes for SATA VRO, SATA, VALUE SAS, SAS, NVMe Mainstream, and NVMe High Performance.
- Form factor:** Includes checkboxes for 2.5" SFF, 3.5" LFF, Add-In Card, M.2, and M.2 Enablement Kit.
- Certifications:** Includes checkboxes for vSAN, MS Server 2016, SDDC Premium AQ 2016, MS Server 2019, and SDDC Premium AQ 2019.
- Best Availability:** Includes checkboxes for Mainstream and Non Mainstream.

Below the filter sections, there are several performance and capacity sliders:

- Search by SKU:** A search bar with a magnifying glass icon.
- Choose a server type:** A dropdown menu.
- Choose a server model:** A dropdown menu.
- Capacity:** A slider ranging from 0 (TB) to 15.36 (TB).
- Endurance:** A slider ranging from 0 (DWPD) to 30 (DWPD).
- 4K Q16 Random Read IOPS:** A slider ranging from 0 to 585000.
- 4K Q16 Random Write IOPS:** A slider ranging from 0 to 585000.
- 4K MAX Random Read IOPS:** A slider ranging from 0 to 1000000.
- 4K MAX Random Write IOPS:** A slider ranging from 0 to 645000.
- Max Power:** A slider ranging from 0.00 (Watt) to 18.80 (Watt).

At the bottom, there is a link for "For Pricing and availability please visit here".

Fig 1.10 Results Page (b)

Results are displayed based on the previous selections and Results can be modified by below options,

- a. Search SSDs through SKU Keys, Refer Fig 1.10 Results Page (c)

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HPE Solid-State Drive Selector V2.0.1

Suggested SSDs for Your Needs Listed Below

FeedbackExport ExcelExport CSVPrintStart over

Refine your results

SSD

Workload

☒ Very Read Optimization

☒ Read Intensive

☒ Mixed Use

☒ Write Intensive

Interface type

☒ SATA VRO

☒ SATA

☒ VALUE SAS

☒ SAS

☒ NVMe Mainstream

☒ NVMe High Performance

Form factor

☒ 2.5" SFF

☒ 3.5" LFF

☒ Add-In Card

☒ M.2

☒ M.2 Enablement Kit

Certifications

Please make a selection from below to show drives that are certified of your choice

☐ vSAN

☐ MS Server 2016

☐ SDDC Premium AQ 2016

☐ MS Server 2019

☐ SDDC Premium AQ 2019

Best Availability

☒ Mainstream

☒ Non Mainstream

For Pricing and availability please visit [here](#)

Search by SKU

P22268-B21

Choose a server type

-- Please select server type --

Choose a server model

-- Server Model --

Capacity

0 (TB)

15.36 (TB)

Endurance

0(DWPD)

30(DWPD)

4K Q16 Random Read IOPS

0

585000

4K Q16 Random Write IOPS

0

585000

4K MAX Random Read IOPS

0

1000000

4K MAX Random Write IOPS

0

645000

Max Power

0.00(Watts)

18.80(Watts)

☐ Select all / Uncheck all

Adjust Sliders to Modify Results

SSD Portfolio Alignment

1 - SSDs meet your requirements

Top Result

SKU:P22268-B21

HPE 1.6TB NVMe Gen4 High Performance Mixed Use SFF SCN U.3 PM1735 SSD

Mainstream

Show more

Fig 1.10 Result Page (c)

- b. Select the Server Type from the Drop down, Refer Fig 1.10 Server Type (d)

HPE Solid-State Drive Selector V2.0.1

Suggested SSDs for Your Needs Listed Below

Feedback Export Excel Export CSV Print Start over

Refine your results

SSD

Workload

- ☒ Very Read Optimization
- ☒ Read Intensive
- ☒ Mixed Use
- ☒ Write Intensive

Interface type

- ☒ SATA VRO
- ☒ SATA
- ☒ VALUE SAS
- ☒ SAS
- ☒ NVMe Mainstream
- ☒ NVMe High Performance

Form factor

- ☒ 2.5" SFF
- ☒ 3.5" LFF
- ☒ Add-In Card
- ☒ M.2
- ☒ M.2 Enablement Kit

Certifications

Please make a selection from below to show drives that are certified of your choice

Search by SKU

Search By SKU

Choose a server type

-- Please select server type --

- HPE ProLiant 100 Series
- HPE ProLiant 300 Series
- HPE ProLiant 500 Series
- HPE ProLiant BL C-Class
- HPE Mission Critical Systems
- HPE Apollo Systems
- HPE Synergy

Choose a server model

-- Choose a server model --

Endurance

0 (DWPD) 30 (DWPD)

4K Q16 Random Write IOPS

0 585000

4K MAX Random Read IOPS

0 1000000

4K MAX Random Write IOPS

0 645000

Max Power

Refer Fig 1.10 Server Type (d)

- c. Select the Server Model from the Drop down, Refer Fig 1.10 Server Model (e)

HPE Solid-State Drive Selector V2.0.1

Suggested SSDs for Your Needs Listed Below

Feedback Export Excel Export CSV Print Start over

Refine your results

SSD

Workload

- ☒ Very Read Optimization
- ☒ Read Intensive
- ☒ Mixed Use
- ☒ Write Intensive

Interface type

- ☒ SATA VRO
- ☒ SATA
- ☒ VALUE SAS
- ☒ SAS
- ☒ NVMe Mainstream
- ☒ NVMe High Performance

Form factor

- ☒ 2.5" SFF
- ☒ 3.5" LFF
- ☒ Add-In Card
- ☒ M.2
- ☒ M.2 Enablement Kit

Certifications

Please make a selection from below to show drives that are certified of your choice

Search by SKU

Search By SKU

Choose a server type

HPE ProLiant 300 Series

Choose a server model

-- Server Model --

- DL20 Gen10
- DL325 Gen10
- DL325 Gen10 Plus
- DL360 Gen10
- DL360 Gen9
- DL380 Gen10
- DL385 Gen10
- DL385 Gen10 Plus
- ML30 Gen10
- ML350 Gen10

Capacity

0 (TB) 15.36 (TB)

4K Q16 Random Read IOPS

0 585000

4K MAX Random Read IOPS

0 1000000

Max Power

Refer Fig 1.10 Server Model (e)

- d. Results can be modified by selecting and deselecting check box in the SSD types such as Read Intensive/ Mixed Use/ Write Intensive and Very Read Optimized. Based on selected SSD type Results are displayed.
- e. Results can be modified by selecting and deselecting check box in the Interface types such as SAS/ Value SAS/SATA/SATA VRO and NVMe. Based on selected Interface type Results are displayed.
- f. Results can be modified by selecting and deselecting check box in the Form Factor types such as Add-In Card/ 3.5" LFF/M.2/M.2 Enablement Kit and 2.5" SFF Based on selected Form Factor Type Results are displayed.
- g. Results can be modified by selecting and deselecting check box in the Best Availability types such as Mainstream and Non-Mainstream Based on selected Best Availability Type Results are displayed.
- h. Results can be modified by selecting and deselecting check box in the Select all applicable Checkboxes above, based on selected type Results are displayed.

Click on “SSD Portfolio Alignment”, HPE Storage Options- SSD Portfolio Alignment Image displays in the Result page. Refer Fig 1.10 Results Page (f)

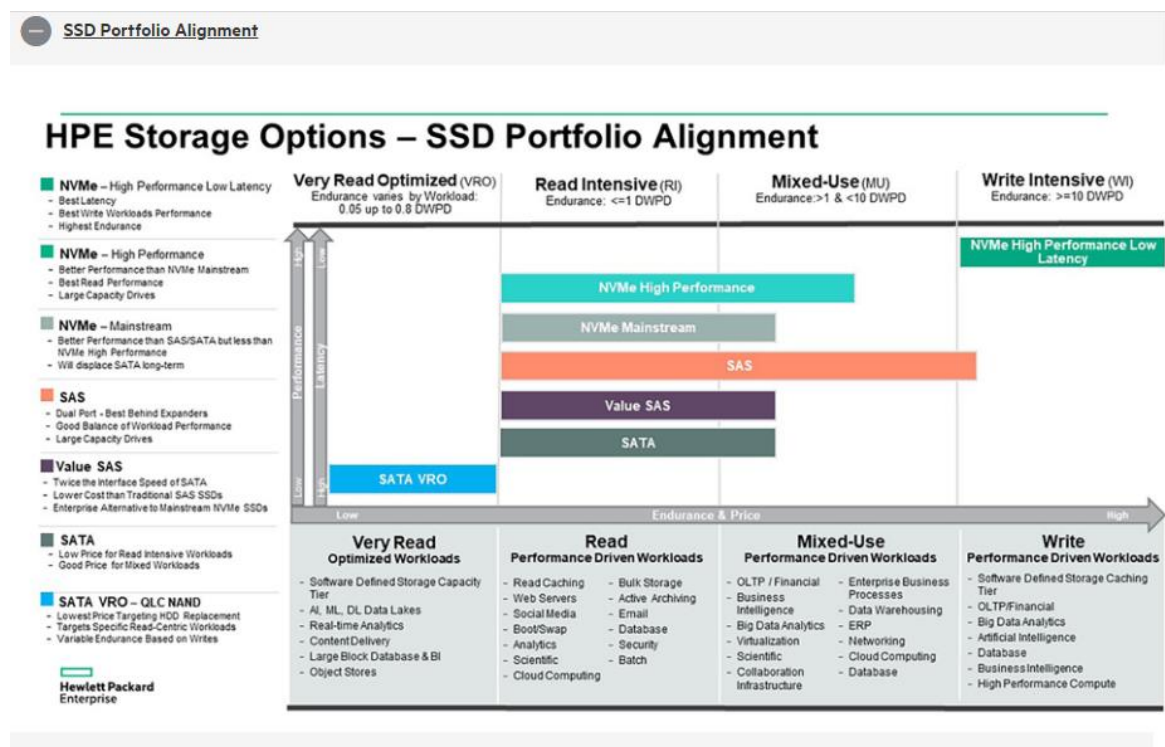


Fig 1.10 Results Page (f)

Click on “SSDs meets your requirements”, then Results will be closed, again click on SSDs meets your requirements link, Results will be displayed. Refer Fig 1.10 Results Page (g)







216 - SSDs meet your requirements	
<div>✓ Top Result</div> <div>SKU:878783-B21</div>	<div>HPE Universal SATA 6G AIC HHHL M.2 SSD Enablement Kit</div> <div>Mainstream</div> <div>   Show more </div>
<div>✓ Top Result</div> <div>SKU:878014-B21</div>	<div>HPE 375GB NVMe Gen3 High Performance Low Latency Write Intensive SFF SCN U.2 P4800X SSD</div> <div>Mainstream</div> <div>   Show more </div>
<div>✓ Top Result</div> <div>SKU:878038-B21</div>	<div>HPE 750GB NVMe Gen3 x4 High Performance Low Latency Write Intensive AIC HHHL P4800X SSD</div> <div>Mainstream</div> <div>   Show more </div>

Fig 1.10 Results Page (g)

In the Individual SSD type, click on Show More Link, it shows complete specification of Selected SSDs and Image will be displayed. Refer Fig 1.10 Results Page (g)

✓ Top Result	
SKU:878038-B21	
	HPE 750GB NVMe Gen3 x4 High Performance Low Latency Write Intensive AIC HHHL P4800X SSD
	Mainstream
SSD Workload: WI	Sanitize Overwrite-OW: N
Interface: NVMe	Sanitize Block Erase-BE: N
Endurance(DWPD) : 30	Sanitize Crypto Erase-CE: N
Capacity: 750	Secure Erase-SE: Y
Max Power (Watts): 14.00	Trim-TM : Y
READ Performance (IOPS): 575,000	Self-Encrypting Drive-SED: N
WRITE Performance (IOPS) : 580,000	Digitally Signed Firmware-SF: Y
Random READ Avg. Latency(μs): 17	Wide SAS-WS : N
Random WRITE Avg. Latency(μs): 18	High Power SAS -HPS : N
Max Seq READ Throughput (MiB/s) : 2,550	Power Disable-PD : N
Max Seq WRITE Throughput (MiB/s): 2,300	Power Throttling : Y
MAX Random Read IOPS (4KiB): 575,000@Q16	Trade Agreements Act - TAA: N
Max Random Read IOPS (4KiB) Normalized:575,000	AutoTTR - ATTR : Y
Max Random Write IOPS (4KiB) Normalized:580,000	512e support - 512e : Y
Federal Information Processing Standards-FIPS: N	4K sector support - 4K : Y
Non Disruptive Update-NDU: N	
Certifications:	
- VMWare / vSAN HCL: Certified	
- Microsoft Windows Server 2016: Certified	
- Software Defined Data Center Premium AQ 2016: Certified	
- Microsoft Windows Server 2019: Certified	
- Software Defined Data Center Premium AQ 2019: Certified	

Fig 1.10 Results Page (g)

In the Individual SSD type, click on Show Less Link, then Selected SSD specification is closed and “XLS”, “PDF” and Show More Link. Refer Fig 1.10 Results Page (h)



Fig 1.10 Results Page (h)

In the Individual SSD type, click on “XLS”, Excel File will be downloaded with SSD specification, and click on “PDF”, PDF file will be downloaded with SSD specification,

Complete SSDs Specification can be downloaded in the Excel format/PDF format by clicking the **Share Excel/ Share PDF** icon in the Result page. Refer Fig 1.10 Results Page(i)

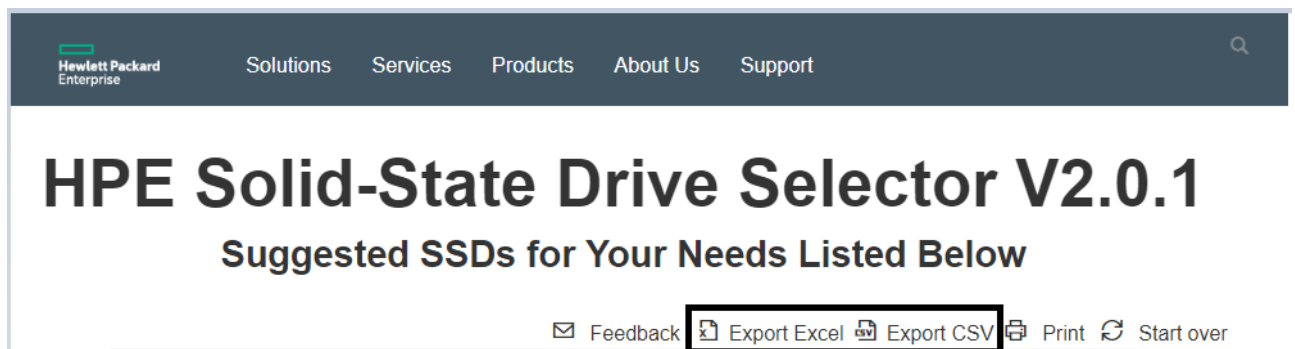
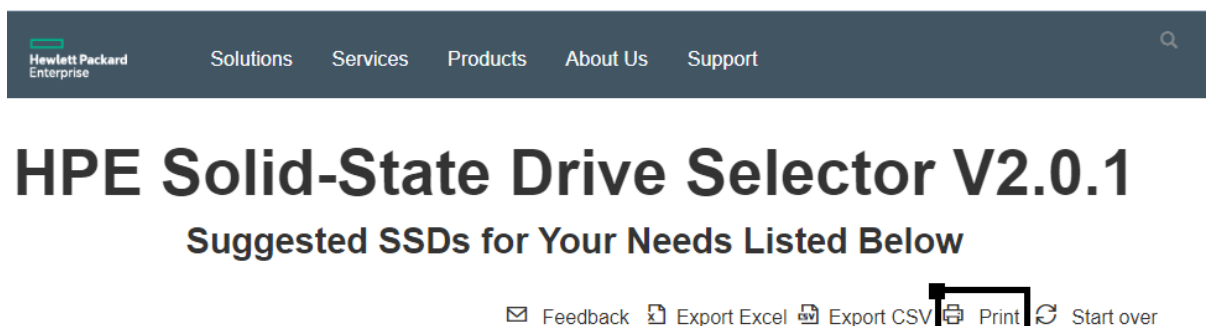


Fig 1.10 Results Page (I)

The User can print the Suggested SSDs in the Result page by clicking on Print Icon, where can save the SSDs in the PDF file. Refer Fig 1.10 Results Page(j)



HPE Solid-State Drive Selector V2.0.1
Suggested SSDs for Your Needs Listed Below

Feedback Export Excel Export CSV Print Start over

Refine your results

SSD Workload	Interface type	Form factor
<input checked="" type="checkbox"/> Very Read Optimization	<input checked="" type="checkbox"/> SATA VRO	<input checked="" type="checkbox"/> 2.5" SFF
<input checked="" type="checkbox"/> Read Intensive	<input checked="" type="checkbox"/> SATA	<input checked="" type="checkbox"/> 3.5" LFF
<input checked="" type="checkbox"/> Mixed Use	<input checked="" type="checkbox"/> VALUE SAS	<input checked="" type="checkbox"/> Add-In Card
<input checked="" type="checkbox"/> Write Intensive	<input checked="" type="checkbox"/> SAS	<input checked="" type="checkbox"/> M.2
	<input checked="" type="checkbox"/> NVMe Mainstream	<input checked="" type="checkbox"/> M.2 Enablement Kit
	<input checked="" type="checkbox"/> NVMe High Performance	

Certifications
Please make a selection from below to show drives that are certified for your choice.

☐ vSAN
☐ MS Server 2016
☐ SDOC Premium AQ 2016
☐ MS Server 2019
☐ SDOC Premium AQ 2019

Best Availability
☒ Mainstream
☒ Non Mainstream
For Pricing and availability please visit [Data](#)

Search by SKU
Search By SKU

Choose a server type
HPE ProLiant 300 Series

Choose a server model
-- Server Model --

Capacity
0 (TB) 15.36 (TB) 300 (DWPD)

Endurance
0 585000 0 585000

4K Q16 Random Read IOPS
0 585000

4K Q16 Random Write IOPS
0 585000

Print 31 pages

Destination Save as PDF

Pages All

Pages per sheet 1

Margins Default

Options ☒ Headers and footers ☐ Background graphics

Save Cancel

Fig 1.10 Results Page(j)

The User can go back to Home page by click on Start over Icon. Refer Fig 1.10 Results Page(k)

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HPE Solid-State Drive Selector V2.0.1
Suggested SSDs for Your Needs Listed Below

Feedback Export Excel Export CSV Print **Start over**

Fig 1.10 Results Page(k)

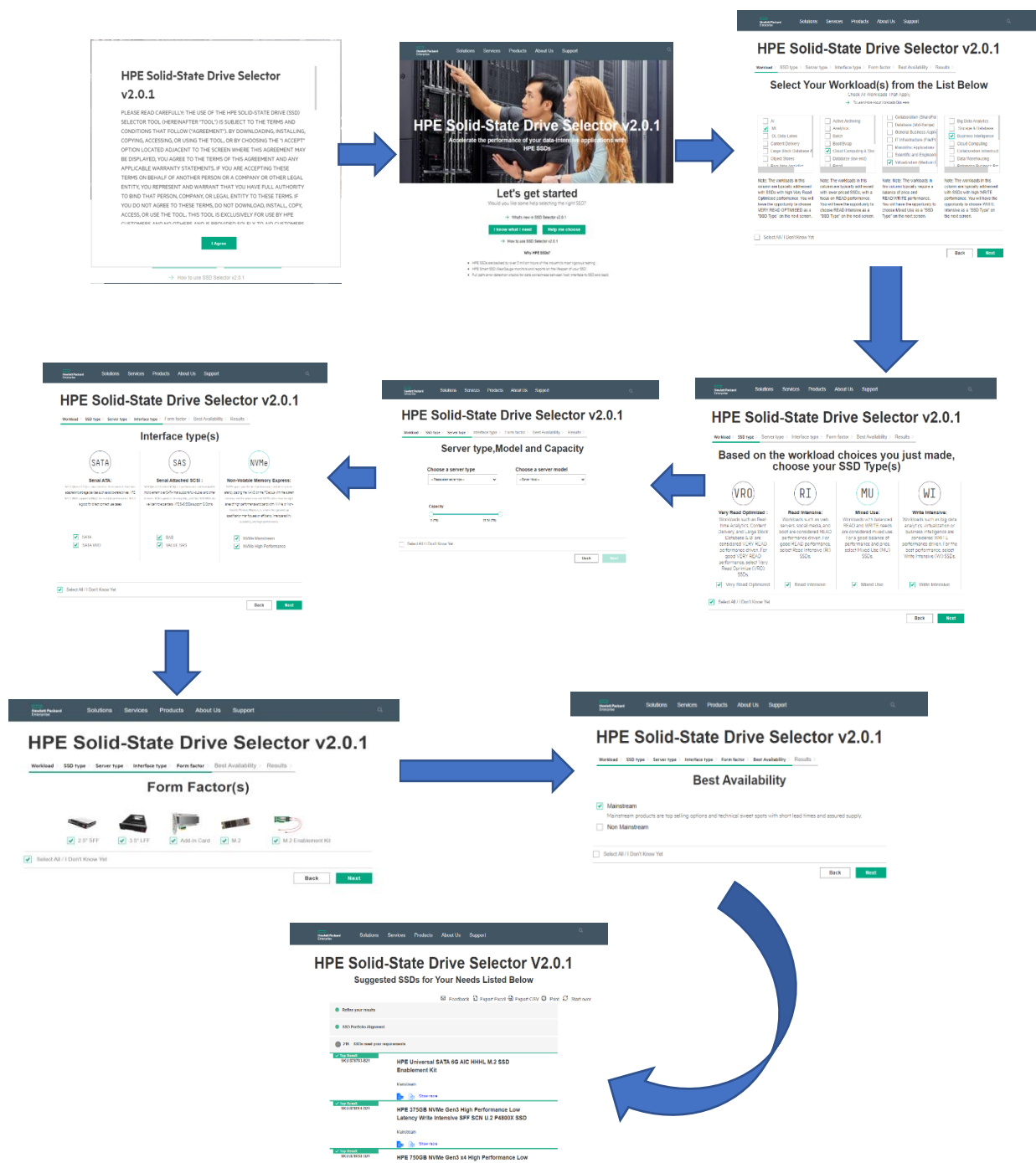
The User can send the Feedback to hpe support team on click on Feedback Icon, where it opens the select email option.

System Requirements

OS: - Latest Windows Version



Browsers: - Google Chrome and Microsoft Edge Supported

Image Represents SSD Selector Flow








I Know What I Need


1.1 Results can see directly see from Home Page by clicking on “I Know What I need” Button, Refer 2.1 Result Page (a)


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HPE Solid-State Drive Selector V2.0.1


Suggested SSDs for Your Needs Listed Below

 [Feedback](#)  [Export Excel](#)  [Export CSV](#)  [Print](#)  [Start over](#)

 [Refine your results](#)

 [SSD Portfolio Alignment](#)



 216 - SSDs meet your requirements


 **Top Result**

SKU:878783-B21

HPE Universal SATA 6G AIC HHHL M.2 SSD Enablement Kit

Mainstream



  [Show more](#)


 **Top Result**

SKU:878014-B21

HPE 375GB NVMe Gen3 High Performance Low Latency Write Intensive SFF SCN U.2 P4800X SSD

Mainstream

  [Show more](#)

 **Top Result**

SKU:878038-B21

HPE 750GB NVMe Gen3 x4 High Performance Low Latency Write Intensive AIC HHHL P4800X SSD

Mainstream



  [Show more](#)

Fig 2.1 Results Page (a)

1.2 Results can be filtered on click on “**Refine your results**” Link, Refer 2.2 Result Page (b)

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HPE Solid-State Drive Selector V2.0.1

Suggested SSDs for Your Needs Listed Below

Feedback

Export Excel

Export CSV

Print

Start over

Refine your results

SSD

Workload

☒ Very Read Optimization

☒ Read Intensive

☒ Mixed Use

☒ Write Intensive

Interface type

☒ SATA VRO

☒ SATA

☒ VALUE SAS

☒ SAS

☒ NVMe Mainstream

☒ NVMe High Performance

Form factor

☒ 2.5" SFF

☒ 3.5" LFF

☒ Add-In Card

☒ M.2

☒ M.2 Enablement Kit

Certifications

Please make a selection from below to show drives that are certified of your choice

☐ vSAN

☐ MS Server 2016

☐ SDDC Premium AQ 2016

☐ MS Server 2019

☐ SDDC Premium AQ 2019

Best Availability

☒ Mainstream

☒ Non Mainstream

For Pricing and availability please visit [here](#)

Search by SKU

Search By SKU

Choose a server type

-- Please select server type --

Choose a server model

--Choose a server model--

Capacity

0 (TB)

15.36 (TB)

Endurance

0(DWPD)

30(DWPD)

4K Q16 Random Read IOPS

0

585000

4K Q16 Random Write IOPS

0

585000

4K MAX Random Read IOPS

0

1000000

4K MAX Random Write IOPS

0

645000

Max Power

0.00(Watts)

18.00(Watts)

☒ Select all / Uncheck all

Adjust Sliders to Modify Results

SSD Portfolio Alignment

216 - SSDs meet your requirements

Top Result

SKU:878783-B21

HPE Universal SATA 6G AIC HHHL M.2 SSD Enablement Kit

Mainstream

Show more

Top Result

SKU:878014-B21

HPE 375GB NVMe Gen3 High Performance Low Latency Write Intensive SFF SCN U.2 P4800X SSD

Mainstream

Show more

Fig 2.2 Result Page (b)

- 1.3 Only Read Intensive SSD Results can be viewed by deselecting the Mixed Use, Write Intensive and Very Read optimized check boxes. Then only Read Intensive SSD Results are displayed. Similarly, it applies to Interface Types, Form factor, Certifications and Best Availability, based on the selected checkboxes SSD Results are displayed. Refer 2.3 Result Page (c)

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HPE Solid-State Drive Selector V2.0.1

Suggested SSDs for Your Needs Listed Below

[Feedback](#) [Export Excel](#) [Export CSV](#) [Print](#) [Start over](#)

● Refine your results

SSD Workload
☐ Very Read Optimization
☒ Read Intensive
☐ Mixed Use
☐ Write Intensive

Interface type
☒ SATA VRO
☒ SATA
☒ VALUE SAS
☒ SAS
☒ NVMe Mainstream
☒ NVMe High Performance

Form factor
☒ 2.5" SFF
☒ 3.5" LFF
☒ Add-In Card
☒ M.2
☒ M.2 Enablement Kit

Certifications
Please make a selection from below to show drives that are certified at your choice.
☐ vSAN
☐ MS Server 2016
☐ SDDC Premium AQ 2016
☐ MS Server 2019
☐ SDDC Premium AQ 2019

Best Availability
☒ Mainstream
☒ Non Mainstream
[For Pricing and availability please visit here](#)

Search by SKU

Choose a server type

Choose a server model

Capacity

0 (TB) 15.36 (TB)

Endurance

0 (DWPD) 30 (DWPD)

4K Q16 Random Read IOPS

0 58500

4K Q16 Random Write IOPS

0 58500

4K MAX Random Read IOPS

0 1000000

4K MAX Random Write IOPS

0 645000

Max Power

0.00 (Watts) 18.80 (Watts)

☒ Select all / ☐ Uncheck all

Adjust Sliders to Modify Results

● SSD Portfolio Alignment

● 103 - SSDs meet your requirements

✓ Top Result

SKU:P04517-B21

HPE 960GB SAS 12G Read Intensive SFF SC PM5 SSD

Non Mainstream

[Show more](#)

✓ Top Result

SKU:P04521-B21

HPE 3.84TB SAS 12G Read Intensive SFF SC PM5 SSD

Non Mainstream

[Show more](#)

Fig 2.3 Result Page (c)

1.4 In the Interface type, deselect the SAS Checkbox then selected checkboxes combination results are displayed, Refer 2.4 Result Page (d)

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Suggested SSDs for Your Needs Listed Below

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[Export Excel](#)
[Export CSV](#)
[Print](#)
[Start over](#)

☒ Refine your results

SSD

Workload

☐ Very Read Optimization
☒ Read Intensive
☐ Mixed Use
☐ Write Intensive

Interface type

☒ SATA VRO
☒ SATA
☒ VALUE SAS
☐ SAS
☒ NVMe Mainstream
☒ NVMe High Performance

Form factor

☒ 2.5" SFF
☒ 3.5" LFF
☒ Add-In Card
☐ M.2
☒ M.2 Enablement Kit

Certifications

Please make a selection from below to show drives that are certified of your choice

☐ vSAN
☐ MS Server 2016
☐ SDDC Premium AQ 2016
☐ MS Server 2019
☐ SDDC Premium AQ 2019

Best Availability

☒ Mainstream
☒ Non Mainstream

For Pricing and availability please visit [here](#)

Search by SKU

Choose a server type

Choose a server model

Capacity

0 (TB)15.36 (TB)

Endurance

0(DWPD)30(DWPD)

4K Q16 Random Read IOPS

0585000

4K Q16 Random Write IOPS

0585000

4K MAX Random Read IOPS

01000000

4K MAX Random Write IOPS

0645000

Max Power

0.00(Watts)18.80(Watts)

☒ Select all / ☐ Uncheck all

[Adjust Sliders to Modify Results](#)

☒ SSD Portfolio Alignment

☒ 84 - SSDs meet your requirements

☒ Top Result
SKU:P04556-B21

HPE 240GB SATA 6G Read Intensive SFF SC PM883 SSD

Mainstream

[Show more](#)

☒ Top Result
SKU:P04560-B21

HPE 480GB SATA 6G Read Intensive SFF SC PM883 SSD

Mainstream

[Show more](#)

Fig 2.4 Result Page (d)

- 1.5 If results are not found based on the selection, then message will be displayed
“There are no results based on your selection. Please select different attributes or start over”

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Suggested SSDs for Your Needs Listed Below

Feedback

Export Excel

Export CSV

Print

Start over

Refine your results

SSD

Workload

☒ Very Read Optimization

☐ Read Intensive

☐ Mixed Use

☐ Write Intensive

Interface type

☐ SATA VRO

☒ SATA

☒ VALUE SAS

☐ SAS

☒ NVMe Mainstream

☒ NVMe High Performance

Form factor

☒ 2.5" SFF

☒ 3.5" LFF

☒ Add-In Card

☒ M.2

☒ M.2 Enablement Kit

Certifications

Please make a selection from below to show drives that are certified of your choice

☐ vSAN

☐ MS Server 2016

☐ SDDC Premium AQ 2016

☐ MS Server 2019

☐ SDDC Premium AQ 2019

Best Availability

☒ Mainstream

☒ Non Mainstream

For Pricing and availability please visit [here](#)

Search by SKU

Search By SKU

Choose a server type

-- Please select server type --

Choose a server model

--Choose a server model--

Capacity

0 (TB)

15.36 (TB)

Endurance

0(DWPD)

30(DWPD)

4K Q16 Random Read IOPS

0

585000

4K Q16 Random Write IOPS

0

585000

4K MAX Random Read IOPS

0

1000000

4K MAX Random Write IOPS

0

645000

Max Power

0.00(Watts)

18.80(Watts)

☒ Select all / Uncheck all

Adjust Sliders to Modify Results

SSD Portfolio Alignment

0 - SSDs meet your requirements

There are no results based on your selection. Please select different attributes or start over.

Please send a [Email](#) to us.

Fig 2.4 Result Page (e)