



HPE SSD SELECTOR TOOL

Introduction

SSD selector tool 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.

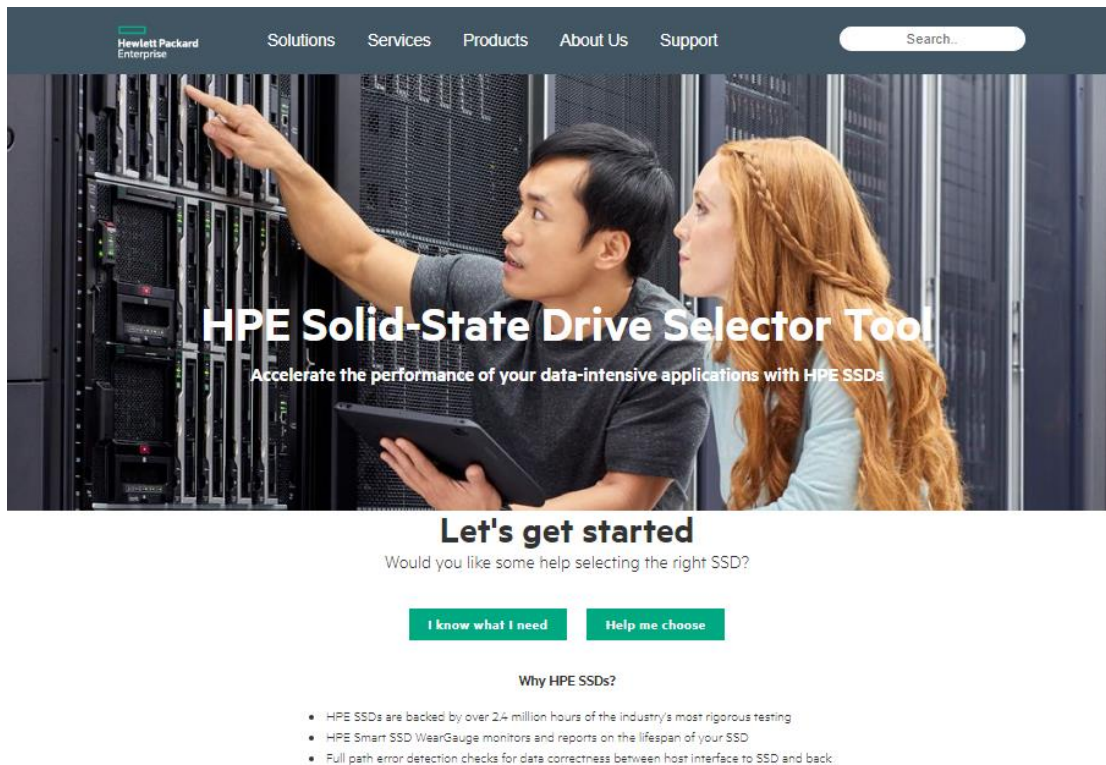


Fig 1.1: Home Page

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)

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.

HPE Solid-State Drive Selector Tool

Workload > SSD type > Server type > Drive capacity > 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](#)

- Active Archiving
- Analytics
- Batch
- Boot/Swap
- Cloud Computing & Storage
- 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.

- Business Processing
- Cloud Computing & Storage
- Collaboration (SharePoint/Messaging)
- Database (Mid-Range)
- General Business Applications
- IT Infrastructure (File/Print)
- Monolithic Applications

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.

- Enterprise Business Processes
- ERP
- Financial Computing
- Mission Critical Applications
- Networking
- OLTP
- Scientific & Engineering (high)

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)

1.2 Select the Workload based on the requirement, select the workload from the Read Intensive/Mixed and Write performance column. Workload selected Refer Fig 1.2 (b)

HPE Solid-State Drive Selector Tool

Workload > SSD type > Server type > Drive capacity > 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](#)

- Active Archiving
- Analytics
- Batch
- Boot/Swap
- Cloud Computing & Storage
- 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 (SharePoint/Messaging)
- Database (Mid-Range)
- General Business Applications
- IT Infrastructure (File/Print)
- Monolithic Applications
- Scientific and Engineering (Medium)
- Virtualization (Medium Density)

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.

- ERP
- Financial Computing
- Mission Critical Applications
- Networking
- OLTP
- Scientific & Engineering (high)
- Virtualization (High Density)

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 (b)

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)

HPE Solid-State Drive Selector Tool

Workload > SSD type > Server type > Drive capacity > 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

<input checked="" type="checkbox"/> Active Archiving <input checked="" type="checkbox"/> Analytics <input checked="" type="checkbox"/> Batch <input checked="" type="checkbox"/> Boot/Swap <input checked="" type="checkbox"/> Cloud Computing & Storage <input checked="" type="checkbox"/> Database (low end) <input checked="" type="checkbox"/> Email	<input checked="" type="checkbox"/> Collaboration (SharePoint/Messaging) <input checked="" type="checkbox"/> Database (Mid-Range) <input checked="" type="checkbox"/> General Business Applications <input checked="" type="checkbox"/> IT Infrastructure (File/Print) <input checked="" type="checkbox"/> Monolithic Applications <input checked="" type="checkbox"/> Scientific and Engineering (Medium) <input checked="" type="checkbox"/> Virtualization (Medium Density)	<input checked="" type="checkbox"/> ERP <input checked="" type="checkbox"/> Financial Computing <input checked="" type="checkbox"/> Mission Critical Applications <input checked="" type="checkbox"/> Networking <input checked="" type="checkbox"/> OLTP <input checked="" type="checkbox"/> Scientific & Engineering (high) <input checked="" type="checkbox"/> Virtualization (High Density)
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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 (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 read optimization/ write optimization/read write optimization/ very read optimization. Here we can change our SSD type also by clicking the checkbox. Refer SSD Fig 1.4

HPE Solid-State Drive Selector Tool

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

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

<p>RI</p> <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> <p><input checked="" type="checkbox"/> Read Intensive</p>	<p>MU</p> <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> <p><input checked="" type="checkbox"/> Mixed Use</p>	<p>WI</p> <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> <p><input checked="" type="checkbox"/> Write Intensive</p>
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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

HPE Solid-State Drive Selector Tool

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

Which server are you planning to use?

Choose a server type:

Choose a server model:

Your target workload	Good	Better	Best
Database (Mid-Range)	HPE Synergy	HPE ProLiant 500 Series	HPE Apollo Systems
General Business Applications	HPE Synergy	HPE ProLiant 500 Series	HPE Apollo Systems
Cloud Computing	HPE ProLiant 500 Series	HPE ProLiant 300 Series	HPE ProLiant BL C-Class
Content Delivery	HPE ProLiant 100 Series	HPE ProLiant 300 Series	HPE ProLiant BL C-Class

Select All / I Don't Know Yet

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)

HPE Solid-State Drive Selector Tool

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

Which server are you planning to use?

Choose a server type:

Choose a server model:

Your target workload	Good	Better	Best
Boot/Swap	HPE Synergy	HPE ProLiant 300 Series	HPE ProLiant BL C-Class
Database (Mid-Range)	HPE Synergy	HPE ProLiant 500 Series	HPE Apollo Systems
General Business Applications	HPE Synergy	HPE ProLiant 500 Series	HPE Apollo Systems

Select All / I Don't Know Yet

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)

HPE Solid-State Drive Selector Tool

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

Which server are you planning to use?

Choose a server type: HPE ProLiant 300 Series

Choose a server model: -- Server Model --

Your target workload	Good
Boot/Swap	HPE ProLiant 100 Series
Database (Mid-Range)	HPE Synergy
General Business Applications	HPE Synergy

Select All / I Don't Know Yet

Back Next

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

HPE Solid-State Drive Selector Tool

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

What is the capacity of the SSDs you need?

Adjust the slider below to select a minimum and maximum storage capacity

0 TB To 12.8 TB

Minimum Maximum

Back Next

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)

HPE Solid-State Drive Selector Tool

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

What is the capacity of the SSDs you need?

Adjust the slider below to select a minimum and maximum storage capacity

0 TB To 8.264 TB

Minimum Maximum

Back Next

Fig 1.6 Capacity Page (b)

HPE Solid-State Drive Selector Tool

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

What is the capacity of the SSDs you need?

Adjust the slider below to select a minimum and maximum storage capacity

1.836 TB To 12.8 TB

Minimum Maximum

Back Next

Fig 1.6 Capacity Page (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. 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.

2. 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

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.

HPE Solid-State Drive Selector Tool

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

What type of interface do you prefer?

SATA

SAS

NVMe

Select All / I Don't Know Yet

Back

Next

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.

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.

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.

Fig 1.7 Interface Page

In the Interface page, options are auto selected and not 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

1. 3.5" LFF: - Large Form Factor
2. 2.5" SFF: - Small Form Factor

HPE Solid-State Drive Selector Tool

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

Choose the form factor(s) you prefer

2.5" SFF

3.5" LFF

Add-In Card

M.2

Select All / I Don't Know Yet

Back Next

Fig 1.8 Form Factor

In the form factor page, Options are selected and not 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)

HPE Solid-State Drive Selector Tool

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

Select Your Category of SSD Below

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 (a)

HPE Solid-State Drive Selector Tool

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

Select Your Category of SSD Below

- 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 (b)

HPE Solid-State Drive Selector Tool

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

Select Your Category of SSD Below

- 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.

HPE Solid-State Drive Selector Tool

Suggested SSDs for Your Needs Listed Below

Feedback Share Print Start over

Refine your results

SSD Portfolio Alignment

28 - SSDs meet your requirements

Top Result
SKU:P22270-B21
HPE 3.2TB NVMe Gen4 High Performance Mixed Use SFF SCN U.3 PM1735 SSD
U.S. List Price
4620
Mainstream
Download Show more

Top Result
SKU:P22272-B21
HPE 6.4TB NVMe Gen4 High Performance Mixed Use SFF SCN U.3 PM1735 SSD
U.S. List Price
8910
Mainstream
Download Show more

Top Result
SKU:P26124-B21
HPE 6.4TB NVMe Gen4 High Performance Mixed Use SFF SC U.3 PM1735 SSD
U.S. List Price
8860

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)

HPE Solid-State Drive Selector Tool

Suggested SSDs for Your Needs Listed Below

Feedback Share Print Start over

Refine your results

SSD

Workload

- Read Intensive
- Mixed Use
- Write Intensive

Interface type

- SATA
- SAS
- NVMe

Form factor

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

Certifications

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

Search by SKU

Search By SKU

Choose a server type

HPE ProLiant 300 Series

Choose a server model

Capacity

0(TB) 15360(TB)

Price

159\$ 18625\$

Endurance

0(DWPD) 30(DWPD)

Max Power

0.00(Watts) 7.00(Watts)

Random READ Avg. Latency

µs 0 µs 203

Random WRITE Avg. Latency

µs 0 µs 505

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)

HPE Solid-State Drive Selector Tool

Suggested SSDs for Your Needs Listed Below

Feedback Share Print Start over

Refine your results

SSD

Workload

- Read Intensive
- Mixed Use
- Write Intensive

Interface type

- SATA
- SAS
- NVMe

Form factor

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

Certifications

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

Search by SKU

P22268-B21

Choose a server type

-- Please select server type --

Choose a server model

Capacity

0(TB) 15360(TB)

Price

1595 96255

Endurance

0(D/WPD) 30(D/WPD)

Max Power

0.00(Watts) 7.00(Watts)

Random REA Avg. Latency

0 203

Random WRITE Avg. Latency

0 505

Refer Fig 1.10 Results Page (c)

- b. Select the Server Type from the Drop down and Server Model from the Drop down, then SSDs are displayed, Refer Fig 1.10 Results Page (d)

HPE Solid-State Drive Selector Tool

Suggested SSDs for Your Needs Listed Below

Feedback Share Print Start over

Refine your results

SSD

Workload

- Read Intensive
- Mixed Use
- Write Intensive

Interface type

- SATA
- SAS
- NVMe

Form factor

- Add-In Card
- 3.5" LFF

Search by SKU

Search By SKU

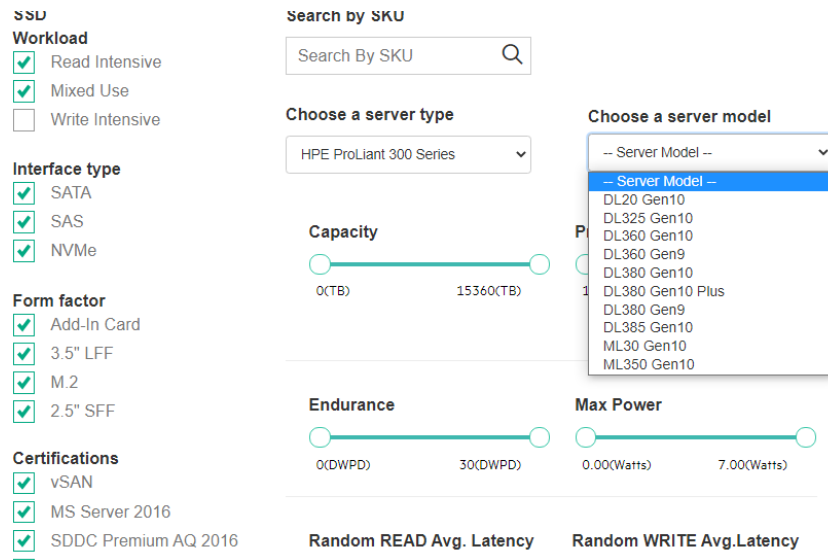
Choose a server type

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

Choose a server model

Price

1595 96255



Refer Fig 1.10 Results Page (d)

- c. Results can be modified through the Capacity Slider by sliding from Maximum to Minimum and Vice Versa, based on the sliding SSDs results are displayed.
- d. Results can be modified through the Price Slider by sliding from Maximum to Minimum and Vice Versa, based on the sliding SSDs results are displayed.
- e. Results can be modified through the Endurance Slider by sliding from Maximum to Minimum and Vice Versa, based on the Sliding SSDs results are displayed.
- f. Results can be modified through the Max Power Slider by sliding from Maximum to Minimum and Vice Versa, based on the Sliding SSDs results are displayed.
- g. Results can be modified through the Random READ Avg. Latency Slider by sliding from Maximum to Minimum and Vice Versa, based on the Sliding SSDs results are displayed.
- h. Results can be modified through the Random WRITE Avg. Latency Slider by sliding from Maximum to Minimum and Vice Versa, based on the Sliding SSDs results are displayed.
- i. 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.
- j. 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.
- k. 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.
- l. 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.
- m. 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 (e)

HPE Storage Options – SSD Portfolio Alignment

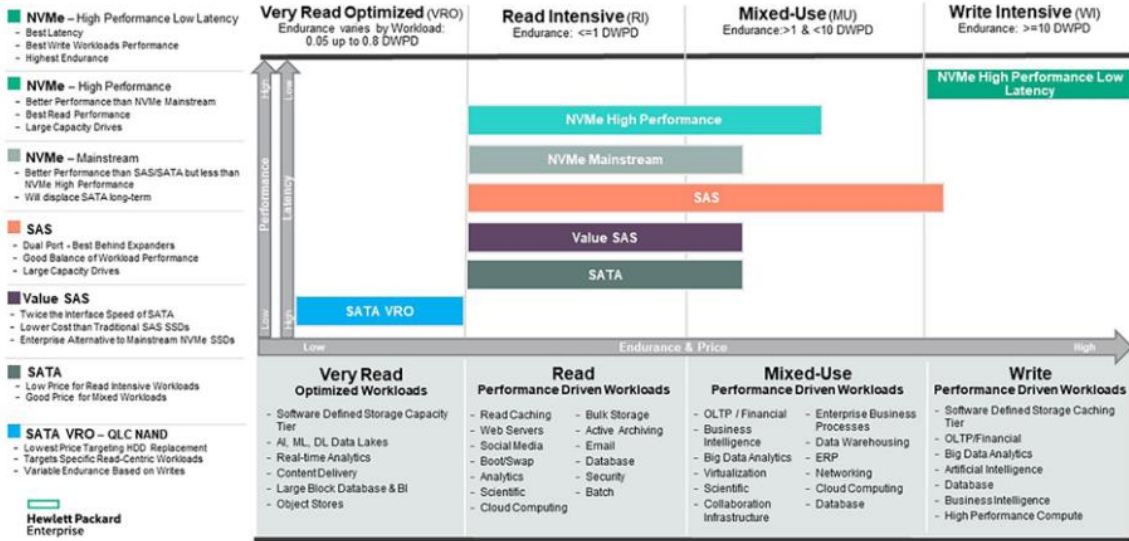


Fig 1.10 Results Page (e)

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 (f)

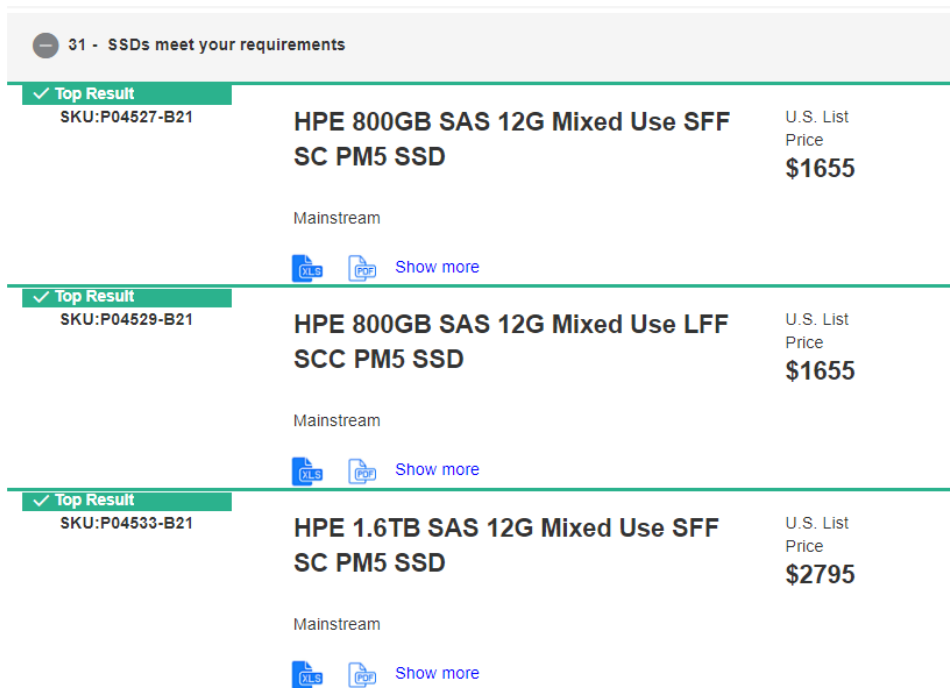



Fig 1.10 Results Page (f)

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:P04529-B21

HPE 800GB SAS 12G Mixed Use LFF SCC PM5 SSD

U.S. List Price
\$1655

Mainstream

Capacity: 800	SSD type: MU
READ Performance (IOPS): 1,65,000	Interface: SAS
WRITE Performance (IOPS): 85,000@Q16	Endurance (Drive Writes Per Day): 3
Max Power (Watts): 4.26	Max Seq READ Throughput (MiB/s): 1,075
Random READ Avg. Latency(μs): 135	Max Seq WRITE Throughput (MiB/s): 1,030
Random WRITE Avg. Latency(μs): 35	Alternate SKUs: P04527-B21 P09090-B21

Certifications:

- VMWare / vSAN HCL: Certified
- Microsoft Windows Server 2016: Certified
- Software Defined Data Center Premium AQ: undefined

Server Compatibility: BL460c Gen10,DL160 Gen10,DL180 Gen10,DL20 Gen10,DL325 Gen10,DL325 Gen10 Plus,DL360 Gen10,DL380 Gen10,DL385 Gen10,DL385 Gen10 Plus,DL560 Gen10,DL580 Gen10,ML110 Gen10,ML350 Gen10,Synergy 480 Gen10,Synergy 660 Gen10



  [Show less](#)

Fig 1.10 Results Page (g)

In the Individual SSD type, Click on Show less Link, then Selected SSD specification is closed and Download and Show More Link. Refer Fig 1.10 Results Page (h)

✓ Top Result

SKU:P04529-B21

HPE 800GB SAS 12G Mixed Use LFF SCC PM5 SSD

U.S. List Price
\$1655

Mainstream



  [Show more](#)

Fig 1.10 Results Page (h)


In the Individual SSD type, Click on Download Link, then Selected SSD specification is downloaded in the excel sheet.

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

HPE Solid-State Drive Selector Tool

Suggested SSDs for Your Needs Listed Below

 Feedback

 Share

 Print

 Start over

Fig 1.10 Results Page (i)

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

HPE Solid-State Drive Selector Tool

Suggested SSDs for Your Needs Listed Below

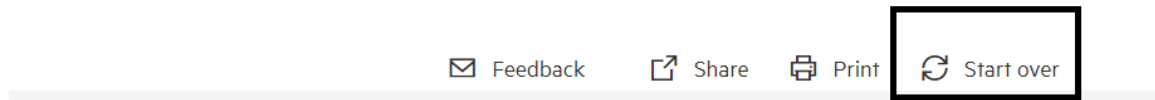


Fig 1.10 Results Page(j)

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(k)

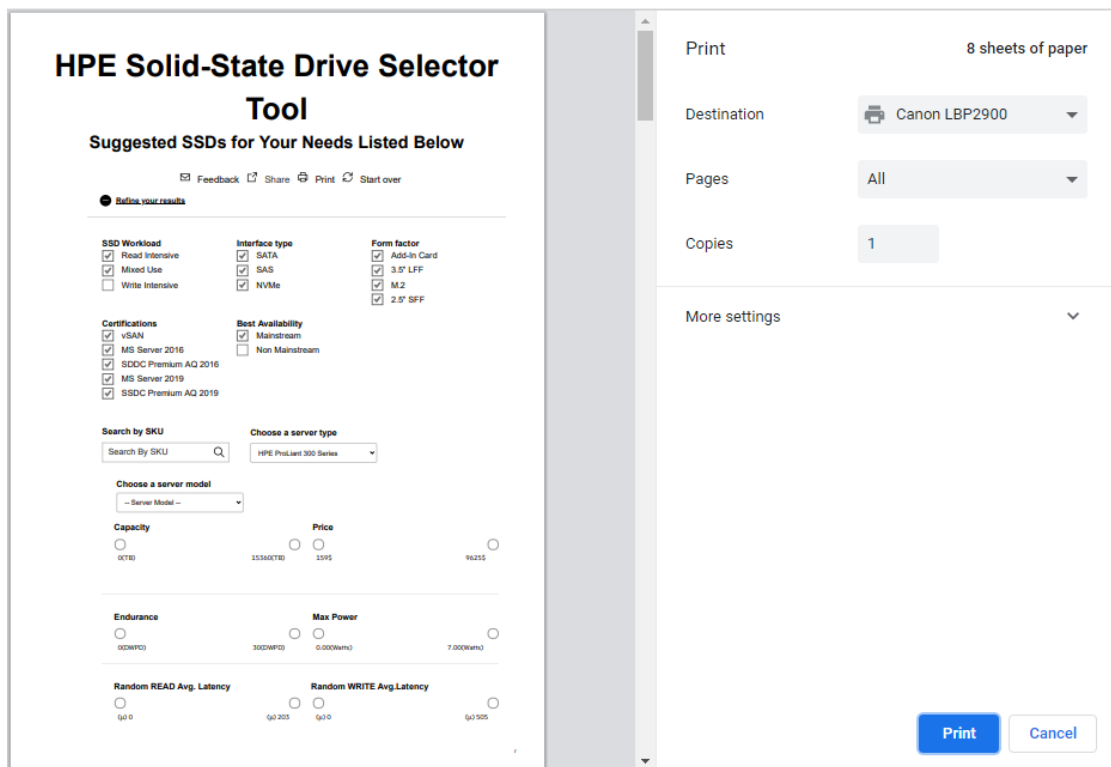


Fig 1.10 Results Page(k)

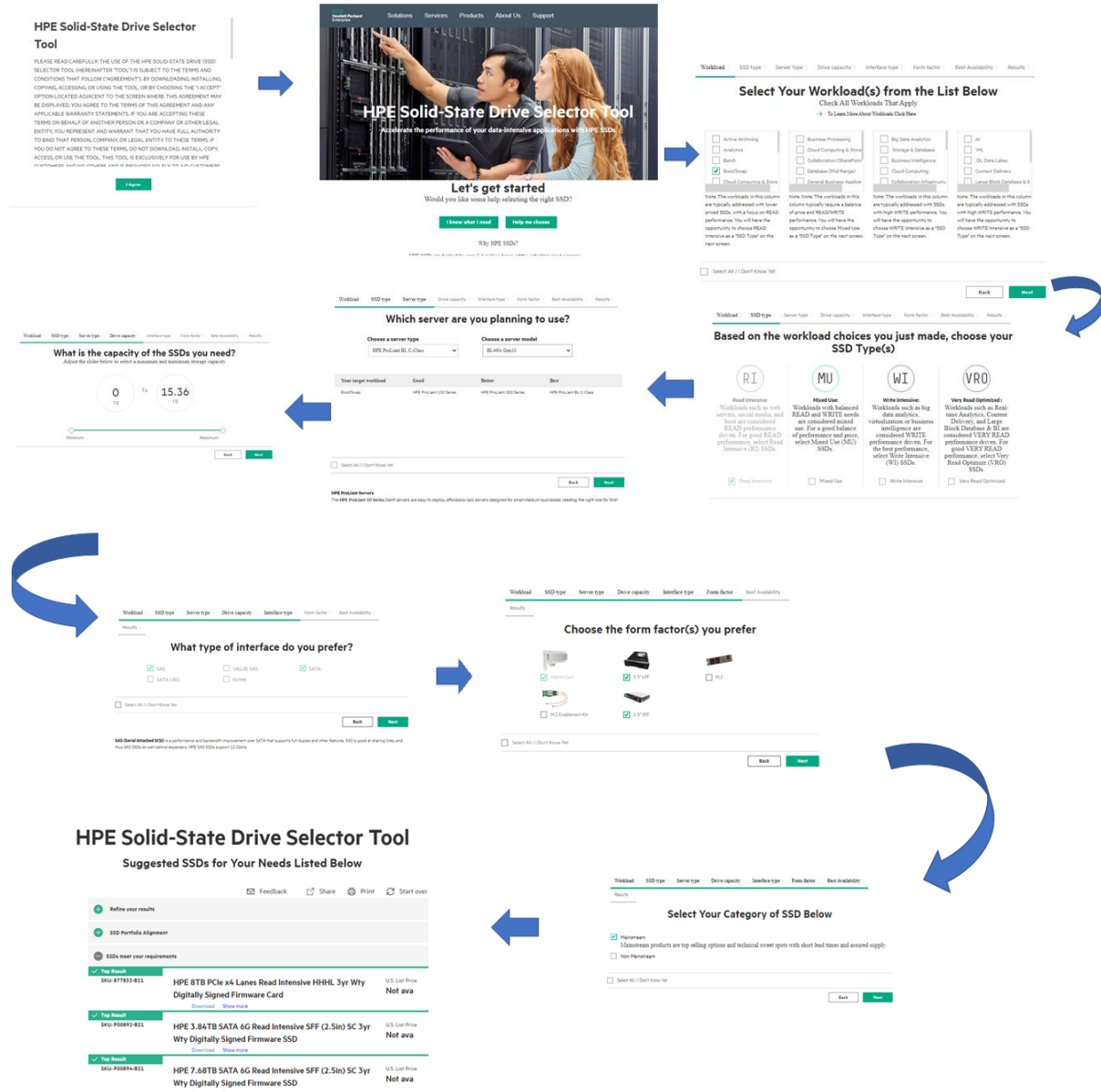
The User can send the Feedback to hpe support team on click on Feedback Icon, where it opens the select email option.

System Requirements

OS: - Latest Windows Version

Browsers: - Google Chrome and Microsoft Edge Supported

Image Represents SSD Selector Tool Flow



I Know What I Need

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

Fig 2.1 Results Page (a)

Hewlett Packard Enterprise Solutions Services Products About Us Support

HPE Solid-State Drive Selector Tool

Suggested SSDs for Your Needs Listed Below

Feedback Share Print Start over

- Refine your results
- SSD Portfolio Alignment
- 59 - SSDs meet your requirements

SKU	Product Name	U.S. List Price
SKU:878014-B21	HPE 375GB NVMe Gen3 High Performance Low Latency Write Intensive SFF SCN U.2 P4800X SSD	\$3855
SKU:P04527-B21	HPE 800GB SAS 12G Mixed Use SFF	

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

Hewlett Packard Enterprise Solutions Services Products About Us Support

HPE Solid-State Drive Selector Tool

Suggested SSDs for Your Needs Listed Below

Feedback Share Print Start over

Refine your results

Search by SKU

Search By SKU

Choose a server type

Choose a server model

Capacity: 0(7B) to 1550(7B)

Price: 1595 to 180255

Endurance: 0(2WPD) to 30(2WPD)

Max Power: 0.000(wm) to 7.000(wm)

Random READ Avg. Latency: 0(0) to 203(0)

Random WRITE Avg. Latency: 0(0) to 505(0)

Select all / Uncheck all Adjust Sliders to Modify Results

- SSD Portfolio Alignment
- 69 - SSDs meet your requirements

Fig 2.2 Result Page (b)

2.3 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)

The screenshot displays the HPE Solid-State Drive Selector Tool interface. At the top, there is a navigation bar with links for Solutions, Services, Products, About Us, and Support. The main heading is "HPE Solid-State Drive Selector Tool" with a subtitle "Suggested SSDs for Your Needs Listed Below".

The interface includes a "Refine your results" section with several filter categories:

- Workload:** Read Intensive (checked), Mixed Use (unchecked), Write Intensive (unchecked).
- Interface type:** SATA (checked), SAS (checked), NVMe (checked).
- Form factor:** Add-in Card (checked), 3.5" LFF (checked), M.2 (checked), M.2 Enablement Kit (checked), 2.5" SFF (checked).
- Certifications:** vSAN (checked), MS Server 2016 (checked), SDDC Premium AQ 2016 (checked), MS Server 2019 (checked), SDDC Premium AQ 2019 (checked).
- Best Availability:** Mainstream (checked), Non Mainstream (checked).

Additional filters include "Search by SKU" (input field), "Choose a server type" (dropdown), "Choose a server model" (dropdown), and sliders for Capacity (0TB to 15.36TB), Price (1595 to 18625), Endurance (0 DWPD to 30 DWPD), Max Power (0.000 (1cm) to 7.000 (1cm)), Random READ Avg. Latency (0 to 60 200), and Random WRITE Avg. Latency (0 to 60 505).

At the bottom, there is a "Select all / Uncheck all" checkbox and a link to "Adjust Sliders to Modify Results". A summary bar shows "SSD Portfolio Alignment" and "32 - SSDs meet your requirements".

The top result card is for the HPE 15.36TB NVMe Gen3 High Performance Read Intensive SFF SCN U.2 CM5 SSD. The U.S. List Price is \$18625. The result is categorized as "Non Mainstream".

Fig 2.3 Result Page (c)

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

HPE Solid-State Drive Selector Tool

Suggested SSDs for Your Needs Listed Below

Feedback | Share | Print | Start over

Refine your results

SSD

Workload

Read Intensive

Mixed Use

Write Intensive

Interface type

SATA

SAS

NVMe

Form factor

Add-In Card

3.5" LFF

M.2

M.2 Enablement Kit

2.5" SFF

Certifications

vSAN

MS Server 2016

SDDC Premium AQ 2016

MS Server 2019

SDDC Premium AQ 2019

Best Availability

Mainstream

Non Mainstream

Search by SKU

Search By SKU

Choose a server type

Choose a server model

Capacity

0TB | 11360TB

Price

1095 | 184255

Endurance

0.000PW0 | 30.000PW0

Max Power

0.000W0 | 7.000W0

Random READ Avg. Latency

60 0 | 60 200

Random WRITE Avg. Latency

60 0 | 60 500

Select all / Uncheck all Adjust Sliders to Modify Results

SSD Portfolio Alignment

17 - SSDs meet your requirements

Top Result

SKU: P07190-B21	HPE 15.36TB NVMe Gen3 High Performance Read Intensive SFF SCN U.2 CM5 SSD	U.S. List Price \$18625
Non Mainstream		
Show more		

Fig 2.4 Result Page (d)

2.5 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"