SAMSUNG

PRODUCTS ⌄   APPLICATION ⌄   FOUNDRY ⌄   INSIGHTS   SUPPORT ⌄   ABOUT US ⌄

CHECK OUT NOW THAT HISTORY IS CREATED!

Enterprise SSD

UNRIVALED PERFORMANCE FOR ENTERPRISE STORAGE SOLUTION.

Best-in-class storage for ultimate competitiveness with V-NAND

Storage TCO Calculator

Enterprise SSD

OVERVIEW	RELATED LINKS	RELATED RESOURCES	RELATED INSIGHTS & NEWS	REVIEWS & AWARDS

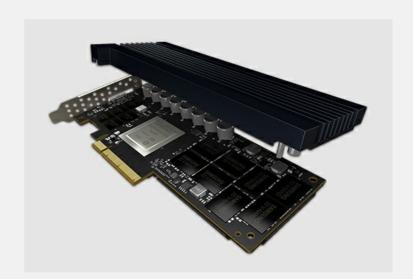## Eradicating performance and efficiency bottlenecks.

Applications today need the right storage to process large amounts of data efficiently.
Meet the 24/7 demands of data center and enterprise storage with Samsung SSD.
Samsung's comprehensive SSD portfolio helps you meet critical speed requirements with confidence,
eradicating performance and efficiency bottlenecks.

PM1725a – Powerful workhorse.

PM1725a is embedded with cutting-edge flash memory leveraging V-NAND technology. PM1725a uses a state-of-the-art NVMe interface to overcome all the bottlenecks experienced in SAS and SATA interfaces. Furthermore, PM1725a empowers the highest density to successfully process intensive and heavy enterprise workloads.

PM1725
MZPLK6T4HCJL

6.4TB NVMe PCIe...

Read more ▶

PM1725
MZPLK3T2HCJL

3.2TB NVMe PCIe...

Read more ▶

PM1633a – First-class read speed and

capacity.

The PM1633a is suitable for online transaction processing (OLTP) and database(DB) applications deployed in an all-flash array configuration. Built on V-NAND technology, the PM1633a exceeds HDDs in both speed and capacity, achieving valuable cost effectiveness and outstanding reliability.

PM1633 MZILS3T8HCJM 3.84TB SAS 12Gbps... Read more ▶	PM1633 MZILS1T9HCHP 1.92TB SAS 12Gbps... Read more ▶	PM1633 MZILS960HCHP 960GB SAS 12Gbps... Read more ▶	PM1633 MZILS480HCGR 480GB SAS 12Gbps... Read more ▶

PM963 – Future performance available today

PM963 presents outstanding performance with instant responsiveness to the host system, by applying PCIe and NVMe with cost effectiveness. Through V-NAND, it also provides DWPD of 1.3 over 3 years which is higher than the competitors' of the same density.

PM963 MZQLW960HMJP 960GB PCI Express... Read more ▶	PM963 MZQLW3T8HMLP 3.84TB PCI Express... Read more ▶	PM963 MZQLW1T9HMJP 1.92TB PCI Express... Read more ▶

SM863a – Lightning response time

SM863a is designed to excel in data center's intensive workload environment. It delivers consistently exceptional QoS (Quality of Service) as well as low latency in both random read/write. In environments like TPC-C (OLTP), SM863a outperforms others in TPS and average response time.

* TPC-C : Transaction Processing Performance Council - benchmark C
* OLTP : Online Transaction Processing
* TPS : Transaction Per Second

SM863a MZ7KM960HMJP 960GB Serial ATA 6.0... Read more ▶	SM863a MZ7KM480HMHQ 480GB Serial ATA... Read more ▶	SM863a MZ7KM240HMHQ 240GB Serial ATA... Read more ▶	SM863a MZ7KM1T9HMJP 1.92TB Serial ATA 6.0... Read more ▶

PM863a – Efficient in performance and cost

PM863a offers double the capacity of the competition while handling heavy mixed workloads with reduced latency. PM863a halves the cost of its rivals with lower power consumption. This is suitable for various servers including web, streaming, application and cache servers as a storage device.

PM863a MZ7LM960HMJP 960GB Serial ATA 6.0... Read more ▶	PM863a MZ7LM480HMHQ 480GB Serial ATA... Read more ▶	PM863a MZ7LM3T8HMLP 3.84TB Serial ATA... Read more ▶	PM863a MZ7LM240HMHQ 240GB Serial ATA... Read more ▶
PM863a MZ7LM1T9HMJP 1.92TB Serial ATA 6.0... Read more ▶			

RELATED LINKS

From SSDs to ecosystems
Samsung All-Flash Array Reference Design

Find more ▶

Storage Caching Solution
Samsung AutoCache™

Find more ▶

RELATED RESOURCES

Brochure (8)   +

Case Study (6)	+
Data Sheet (2)	+
Others (3)	+
Solution Brief (7)	+
Solution Brief by Application (4)	+
White Paper (9)	+

RELATED INSIGHTS & NEWS

Brochure

[Brochure] PM1633a 2.5" SAS SSD

Samsung PM1633a SAS SSD delivers consistently high performance, exceptional value and...

Download PDF ⬇

Brochure

[Brochure] PM953 2.5" NVMe PCIe SSD

Samsung PM953 SSD super-charging your datacenter with performance and low...

Download PDF ⬇

News

Samsung Mass Producing Industry's First...

The new BGA NVMe SSD, named PM971-NVMe, features an extremely compact package while...

Read more ▸

Article

3D Technology has Taken Microchips into...

3D semiconductor technologies

Read more ▸

See all insights ▸

REVIEWS & AWARDS

Samsung XS1715 SSD Review... (1.6TB) – An

When we reviewed the...

Read more ▸

SSD of the Week – Samsung XP9... M.2 PCIe 2.0 X4

Last week we went over...

Read more ▸

Samsung XS1715 1.6TB 2.5-inch... NVMe PCIe

Samsung has many firsts...

Read more ▸

The end of HDD? Samsung debut... 3.2TB PCIe SSD

In August, Samsung...

Read more ▸

Load more ⌄

SUBSCRIPTION

Stay connected with our experts' latest view on industry and technology trend.

CONTACT US

We'll help you find the solution that's right for your business.

SALES NETWORK

You can find our sales network

Find out more ▸

Email Address | SEND

EMAIL US

FOLLOW US

B2B WORKPLACE
Partner site for B2B collaboration

Find out more ▶

PRODUCTS

DRAM
- Server DRAM
- PC DRAM
- Mobile DRAM
- Consumer DRAM
- Graphic DRAM
Flash Storage
- V-NAND Technology
- Client SSD
- Enterprise SSD
- eMMC
- UFS
MCP
- eMMC Based MCP
- ePoP

Exynos Solution
- Application Processor
- ModAP
- Modem/RF
CMOS Image Sensor
- Mobile CIS
- Camera CIS
- Industry CIS
Display Solution
- Mobile DDI
- Panel DDI/TCON
- Touch Controller
Security Solution
- Smart Card
- NFC
Power IC
Bio-Processor

APPLICATION

Data Center
- Web Server
- Application Server
- DB Server
- Storage Server
Mobile Device
- Smartphone
- Tablet
- Wearable
Consumer Device
- Desktop
- Notebook
- DSC/DSLR
- Smart TV
- Game Console
By Industry
- Automotive
- Industrial
- Banking/ID
- Healthcare & Wellness

FOUNDRY

About Samsung Foundry
Manufacturing
Process Technology
- 14nm
- 32/28nm
- 45nm
- 65nm
Service
- Design Solution
- MPW Shuttle Service
- Mask Service
- Back-end Service
- E-service

MORE SITES

LED ⬈
Display ⬈
B2B Workplace ⬈
Worker Safety ⬈
MemoryLink ⬈
Exynos ⬈
Artik ⬈
Simband ⬈

About Us   News   Insights   Selection Tools   Technical Resources

Privacy/Legal   Sitemap

Back to top ⏶

This website is best viewed using Internet Explorer 9 , Chrome , Safari and newer browsers.