

ZENSTOR

SPEED. STABILITY. PERFORMANCE.

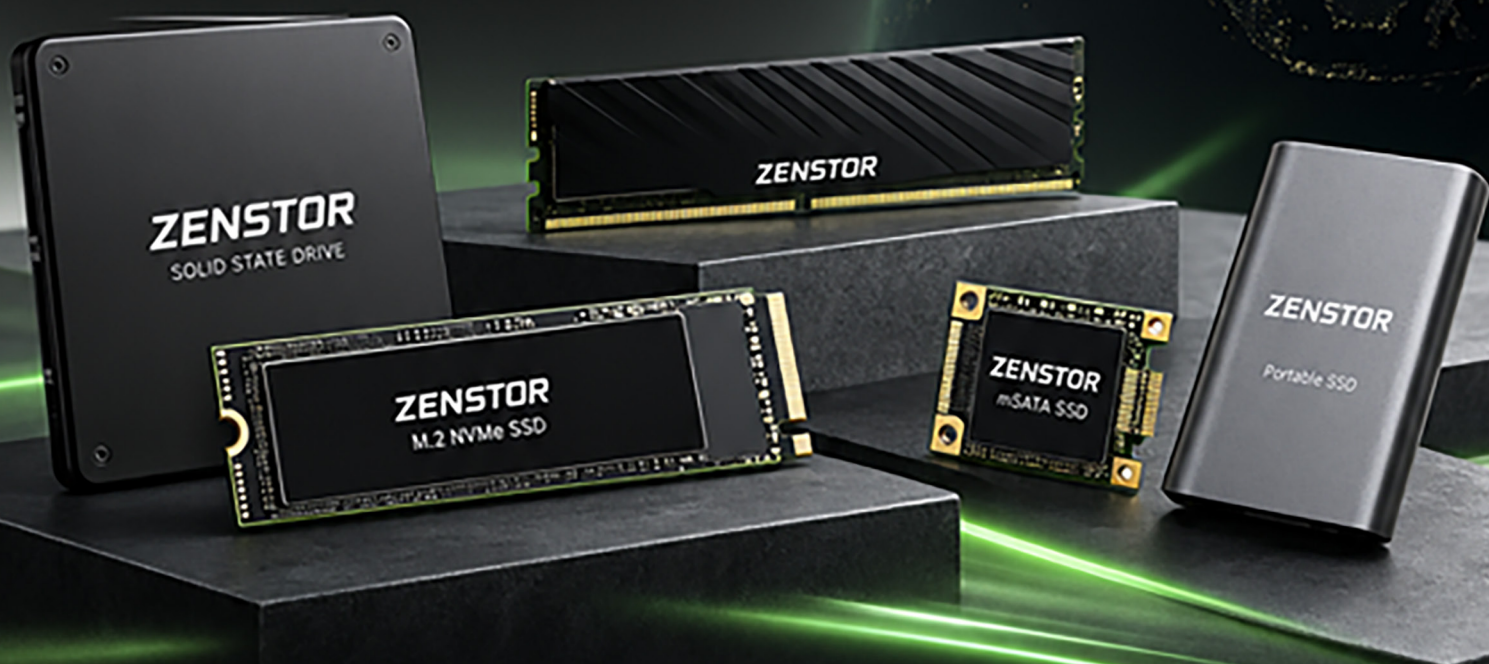
MEMORY & STORAGE
SOLUTIONS
CATALOGUE

2026

BUILT FOR A SMARTER TOMORROW

RELIABLE STORAGE
FOR A CONNECTED WORLD

-  HIGH PERFORMANCE
-  TRUSTED QUALITY
-  GLOBAL SUPPLY



SSD

M.2 2280/2242 SATA
mSATA
2.5" SATA
M.2 NVMe 4.0
M.2 NVMe 3.0



MEMORY

Notebook Memory
DDR5/DDR4/DDR3
Desktop Memory
DDR5/DDR4
RGB Memory



PORTABLE STORAGE

C1 Portable SSD
MicroSD
USB Key

15+ YEARS
EXPERIENCE

YOUR TRUSTED PARTNER
IN MEMORY & STORAGE SOLUTIONS

CE FC RoHS

MADE IN CHINA



SSD

Product series

M.2 - 2280/2242 SATA

M.2 (NGFF) is a compact, high-performance interface for Ultrabooks, replacing mSATA with superior scalability for SSD capacity expansion.

OEM/ODM Customization Services

Package, Shell/casing, Label, BOM etc

Application

Edge computing, IOT, ITD, IPC, MEC, PPC



ZENSTOR NEO 600-2242 M.2

Dimensions

42 mm x 22 mm x 3.5 mm

Interface type

M.2 NGFF

Interface / Bus

SATAIII 6GBps

Capacity

128 GB | 256 GB | 1 TB

Continuous reading speed MB/s

≥450 | ≥450 | ≥480

Continuous write speed MB/s

≥350 | ≥400 | ≥400

NAND

3D TLC/QLC

Working voltage

DC 3.3V±5%

Power consumption

2.35-2.65 W

Data retention

It can be stored for more than 10 years at 25°C

Error correction

LDPC

Operating temperature

0~70°C

ZENSTOR NEO 600-2280 M.2

Dimensions

80 mm x 22 mm x 3.5 mm

Interface type

M.2 NGFF

Interface / Bus

SATAIII 6GBps

Capacity

128-256 GB | 512-1 TB | 2 TB

Continuous reading speed MB/s

450-500 | 450-500 | 500-550

Continuous write speed MB/s

360-450 | 450-500 | 500-520

NAND

3D TLC/QLC

Working voltage

DC 3.3V±5%

Power consumption

2.35-2.65 W

Data retention

It can be stored for more than 10 years at 25°C

Error correction

LDPC

Operating temperature

0~70°C



SSD

Product series

mSATA

Mini SATA (mSATA) is a standard defined by the Serial ATA International Organization (SATA-IO). It was proposed by the SATA Revision 2.6 Working Group on September 25, 2009, to develop an interface specification for compact storage applications.

OEM/ODM Customization Services

Package, Shell/casing, Label, BOM etc

Application

Edge computing, Work station, IPC, MEC, PPC



ZENSTOR CORE 550

mSATA SSD

Dimensions

51 mm x 30 mm x 3.5 mm

Interface type

mSATA

Interface / Bus

SATAIII 6GBps

Capacity

32 GB | 64 GB | 128 GB | 256 GB | 512 GB | 1 TB | 2 TB

Continuous reading speed MB/s

≥250 | ≥ 350 | ≥ 450 | 450-500 | 450-500 | 500-550 | 500-550

Continuous write speed MB/s

≥150 | ≥ 300 | ≥ 400 | 400-450 | 400-450 | 480-500 | 500-520

NAND

3D TLC/QLC

Working voltage

DC 5V±5%

Power consumption

2.35-2.65W

Data retention

It can be stored for more than 10 years at 25°C

Error correction

LDPC

Operating temperature

0~70°C



SSD

Product series

2.5" SATA

The storage medium used in solid-state drives (SSDs) is flash memory. This technology offers several advantages: fast startup, rapid read speeds, no need for address translation (allowing direct data access), and excellent shock resistance due to the absence of mechanical components.

OEM/ODM Customization Services

Package, Shell/casing, Label, BOM etc

Application

Edge computing, AIOT, ITD, IPC, MEC, PPC, IOT



ZENSTOR 500

2.5" SATA

Dimensions

100 mm x 70 mm x 7 mm

Interface type

2.5" SATA

Interface / Bus

SATAIII 6GBps

Capacity

120-240 GB | 128-256 GB | 480 GB | 512 GB | 960 GB | 1 TB | 2 TB | 4 TB | 8 TB

Continuous reading speed MB/s

≥450 | 450-500 | ≥500 | ≥500 | ≥520 | ≥520 | 500-550 | 550 | 550

Continuous write speed MB/s

≥400 | 400-450 | ≥450 | ≥450 | ≥500 | ≥500 | 500-520 | 520 | 520

NAND

3DTLC/QLC

Working voltage

DC 5V ±5%

Power consumption

2.5W

Data retention

It can be stored for more than 10 years at 25°C

Error correction

LDPC

Operating temperature

0~70°C



SSD

Product series

M.2 NVMe 4.0 - 5000MB/s

Non-Volatile Memory Express (NVMe), a non-volatile memory standard, is a protocol designed for the PCIe interface. It serves as a communication protocol between the host and SSD.

OEM/ODM Customization Services

Package, Shell/casing, Label, BOM etc

Application

Edge computing, ITD, IPC, MEC, PPC



ZENSTOR NEO 750-2280

M.2 NVMe 4.0 - 5000

Dimensions

80 mm x 22 mm x 3.5 mm

Interface type

M.2 NVMe

Interface / Bus

PCIe GEN4.0X4

Capacity

512 GB | 1 TB | 2 TB | 4 TB

Continuous reading speed MB/s

4900 | 5000 | 4800 | 5000

Continuous write speed MB/s

2700 | 4500 | 4300 | 4500

NAND

3D NAND FLASH

Working voltage

DC 3.3V ±5%

Power consumption

2.5W Max

Data retention

It can be stored for more than 10 years at 25°C

Error correction

LDPC

Operating temperature

0~70°C

ZENSTOR NEO 750-2230

M.2 NVMe 4.0 - 5000

Dimensions

30 mm x 22 mm x 3.5 mm

Interface type

M.2 NVMe

Interface / Bus

PCIe GEN4.0X4

Capacity

512 GB | 1 TB | 2 TB

Continuous reading speed MB/s

5000 | 5000 | 4800

Continuous write speed MB/s

2700 | 4500 | 4300

NAND

3D NAND FLASH

Working voltage

DC 3.3V ±5%

Power consumption

2.5W Max

Data retention

It can be stored for more than 10 years at 25°C

Error correction

LDPC

Operating temperature

0~70°C

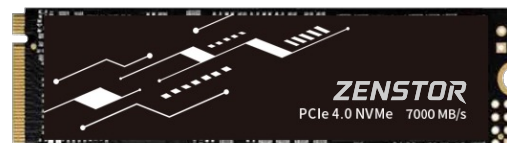


SSD

Product series

M.2 NVMe 4.0 - 7000MB/s

Non-Volatile Memory Express (NVMe), a non-volatile memory standard, is a protocol designed for the PCIe interface. It serves as a communication protocol between the host and SSD.



OEM/ODM Customization Services

Package, Shell/casing, Label, BOM etc

Application

Edge computing, ITD, IPC, MEC, PPC

ZENSTOR NEO 770-2280

M.2 NVMe 4.0 - 7000

Dimensions

80 mm x 22 mm x 3.5 mm

Interface type

M.2 NVMe

Interface / Bus

PCIe GEN4.0X4

Capacity

512 GB | 1 TB | 2 TB | 4 TB

Continuous reading speed MB/s

7100 | 7300 | 7100 | 7100

Continuous write speed MB/s

2700 | 5500 | 6500 | 6500

NAND

3D NAND FLASH

Working voltage

DC 3.3V ±5%

Power consumption

3W Max

Data retention

It can be stored for more than 10 years at 25°C

Error correction

LDPC

Operating temperature

0~70°C



SSD

Product series

M.2 NVMe 4.0 - 7450MB/s

Non-Volatile Memory Express (NVMe), a non-volatile memory standard, is a protocol designed for the PCIe interface. It serves as a communication protocol between the host and SSD.

OEM/ODM Customization Services

Package, Shell/casing, Label, BOM etc

Application

Edge computing, ITD, IPC, MEC, PPC



ZENSTOR NEO 790-2280

M.2 NVMe 4.0 - 7450

Dimensions

80 mm x 22 mm x 3.5 mm

Interface type

M.2 NVMe

Interface / Bus

PCIe GEN4.0X4

Capacity

1 TB | 2 TB | 4 TB | 8 TB

Continuous reading speed MB/s

7450 | 7450 | 7450 | 7450

Continuous write speed MB/s

3900 | 6000 | 6600 | 6600

Operating temperature

0~70°C

SSD



SSD

 MEMORY
 PORTABLE
 STORAGE


Product series

M.2 NVMe 3.0

Non-Volatile Memory Express (NVMe), a non-volatile memory standard, is a protocol designed for the PCIe interface. It serves as a communication protocol between the host and SSD.

OEM/ODM Customization Services

Package, Shell/casing, Label, BOM etc

Application

Edge computing, ITD, IPC, MEC, PPC



ZENSTOR NEO 650-2280 M.2 NVMe 3.0

Dimensions

80 mm x 22 mm x 3.5 mm

Interface type

M.2 NVMe

Interface / Bus

PCIe GEN3.0X4

Capacity

128 GB | 256 GB | 512 GB | 1 TB |
2 TB | 4 TB

Continuous reading speed MB/s

≥ 1000 | ≥ 1500 | 2300-3400 |
2500-3500 | 500-3500 | 3500

Continuous write speed MB/s

≥ 550 | ≥ 1000 | 1800-2800 |
2000-3000 | 1800-3000 | 2500

NAND

3D NAND FLASH

Working voltage

DC 3.3V ±5%

Power consumption

2.5 W

Data retention

It can be stored for more than 10
years at 25°C

Error correction

LDPC

Operating temperature

0~70°C

ZENSTOR NEO 650-2242 M.2 NVMe 3.0

Dimensions

42 mm x 22 mm x 3.5 mm

Interface type

M.2 NVMe

Interface / Bus

PCIe GEN3.0X4

Capacity

128 GB | 256 GB | 512 GB | 1 TB

Continuous reading speed MB/s

≥ 1000 | ≥ 1500 | ≥ 1800 |
2500-3500

Continuous write speed MB/s

≥ 550 | ≥ 1000 | ≥ 1200 |
2000-3000

NAND

3D NAND FLASH

Working voltage

DC 3.3V ±5%

Power consumption

2.5 W

Data retention

It can be stored for more than 10
years at 25°C

Error correction

LDPC

Operating temperature

0~70°C

ZENSTOR NEO 650-2230 M.2 NVMe 3.0

Dimensions

30 mm x 22 mm x 3.5 mm

Interface type

M.2 NVMe

Interface / Bus

PCIe GEN3.0X4

Capacity

256 GB | 512 GB | 1 TB

Continuous reading speed MB/s

≥ 1500 | 2300-3400 | 2500-3500

Continuous write speed MB/s

≥ 1000 | 1800-2800 | 2000-3000

NAND

3D NAND FLASH

Working voltage

DC 3.3V ±5%

Power consumption

2.5 W

Data retention

It can be stored for more than 10
years at 25°C

Error correction

LDPC

Operating temperature

0~70°C



RAM

Product series

Notebook Memory DDR5/DDR4

Memory (RAM) is temporary storage for CPU operations and program data. It bridges the CPU and storage devices, and its speed determines system performance.

OEM/ODM Customization Services

Package, Shell/casing, Label, BOM etc

ZENSTOR NB 300-DDR5 Notebook Memory

Dimensions

69.60 mm x 31.25 mm

Frequency range

4800MHz / 5200MHz / 5600MHz
/ 6000MHz / 6400MHz

Capacity

8GB / 16 GB / 24 GB / 32 GB

Chip brand

Samsung / SK Hynix / Micron etc

Number of chips

4 / 8 / 16

Number of pins

260 pins

Number of PCB layers

8-layers

Working voltage

1.10V

Operating temperature

0°C~+85°C

ZENSTOR NB 300-DDR4 Notebook Memory

Dimensions

69.60 mm x 31.25 mm

Frequency range

2400MHz / 2666MHz / 3000MHz /
3200MHz

Capacity

4GB / 8GB / 16GB / 32GB

Chip brand

Samsung / SK Hynix / Micron etc

Number of chips

4 / 8 / 16

Number of pins

260 pins

Number of PCB layers

8-layers

Working voltage

1.20V

Operating temperature

0°C~+85°C





RAM

Product series

Desktop Memory DDR5/DDR4

Memory (RAM) is temporary storage for CPU operations and program data. It bridges the CPU and storage devices, and its speed determines system performance.

OEM/ODM Customization Services

Package, Shell/casing, Label, BOM etc



ZENSTOR PC 300-DDR5 Desktop Memory

Dimensions

133.3 mm x 31.25 mm

Frequency range

4800MHz / 5200MHz / 5600MHz /
6000MHz / 6400MHz /
6800MHz / 7200MHz / 7600MHz /
8000MHz

Capacity

8GB / 16 GB / 24 GB / 32 GB / 64 GB

Chip brand

Samsung / SK Hynix / Micron etc

Number of chips

4 / 8 / 16

Number of pins

288 pins

Number of PCB layers

8-layers

Working voltage

1.10V ~ 1.45V

Operating temperature

0°C~+85°C

ZENSTOR PC 300-DDR4 Desktop Memory

Dimensions

133.3 mm x 31.25 mm

Frequency range

2400MHz / 2666MHz / 3000MHz /
3200MHz

Capacity

4GB / 8GB / 16GB / 32GB

Chip brand

Samsung / SK Hynix / Micron etc

Number of chips

4 / 8 / 16

Number of pins

288 pins

Number of PCB layers

8-layers

Working voltage

1.20V / 1.35V

Operating temperature

0°C~+85°C





RAM

Product series

RGB Memory

Constructed with premium aluminum alloy, this component enhances thermal dissipation efficiency while paired with a custom 8-layer PCB board from Taiwan to significantly boost computational performance.

OEM/ODM Customization Services

Package, Shell/casing, Label, BOM etc

Product features

High-speed and stable transmission, good compatibility, broken diamond luminous effect, convenient installation, efficient heat dissipation, stable and durable.



ZENSTOR RM 890-DDR5/DDR4 RGB Memory

Capacity

8GB / 16 GB / 24 GB / 32 GB / 64 GB

Frequency (MHz)

2666/3200/4800/5200/5600/6000/
6400/6800/7200/7600/8000

Pin type

30 micro-inch pure gold plating

Material

Aluminum alloy

Operating temperature

0~70°C

Warranty

3 years warranty after purchase



PORTABLE STORAGE

Product series

C1 Portable SSD

Type-C to Type-C and USB to Type-C data cables eliminate the limitations of traditional mechanical hard drives when used with portable SSDs (PSSDs), delivering significantly faster read/write speeds for effortless large file and HD video transfers.

These cables maintain universal compatibility with PCs, Macs, Android devices, gaming consoles, and other peripherals.

OEM/ODM Customization Services

Package, Shell/casing, Label, BOM etc

Product features

High-speed and stable transmission, easy to carry, safe and reliable, plug and play, ultra-large capacity, strong compatibility.



ZENSTOR SSD C1

C1 Portable SSD

Product Material

Aluminum alloy + ABS plastic

Product color

Silver / Grey

Product size max

105mm x 33mm x 9mm

Product size min

69mm x 33mm x 9mm

Performance - 512GB

Read 1000 MB/s / Write 950 MB/s

Performance - 256GB

Read 460 MB/s / Write 450 MB/s

Interface

USB Type-C

Capacity

512 GB / 1 TB / 2 TB / 4 TB



PORTABLE STORAGE

Product series

MicroSD

We are offering high speed and reliable portable storage such as USB keys and Memory cards from 64GB to 1TB. Hundreds of housing designs are available for OEM projects. Please contact us for customisation options.



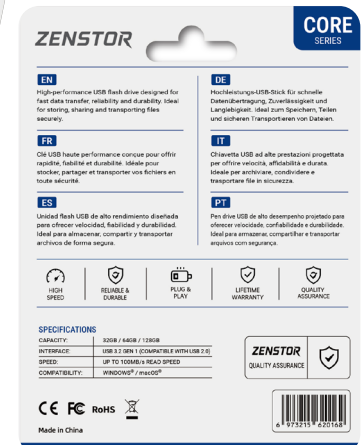


PORTABLE STORAGE

Product series

USB Key

We are offering high speed and reliable portable storage such as USB keys and Memory cards from 128GB to 1TB. Hundreds of housing designs are available for OEM projects. Please contact us for customisation options.





QUALITY PEOPLE
RELIABLE PRODUCTION



PRODUCT TESTING



STRICT QUALITY CONTROL



ADVANCED PRODUCTION EQUIPMENT

OUR EXPERIENCE

The ZENSTOR brand's creation is the result of more than **15 years** of working in partnership with companies in China.



INDUSTRY
EXPERIENCE



RELIABLE
MANUFACTURING



STRICT
QUALITY CONTROL



LONG-TERM
PARTNERSHIPS



The founder created numerous IT product brands for wholesalers and major retailers in Europe, particularly in France
We work with partners across Europe and worldwide.



Recognised as a **"HIGH-TECH BRAND"**, ZENSTOR integrates the research and development, manufacturing and sales of **SSDs (Solid State Drives), DRAM modules, portable SSDs, NAND Flash, storage cards and flash drives.**

ZENSTOR outsources its production to an innovative factory equipped for wafer testing, production and marketing.



ZENSTOR places great importance on **CUSTOMER SATISFACTION** through innovative solutions and strong partnerships with industry leaders such as:

hynix

SAMSUNG

intel

Micron

CE

FC

RoHS

MADE IN CHINA

ZENSTOR

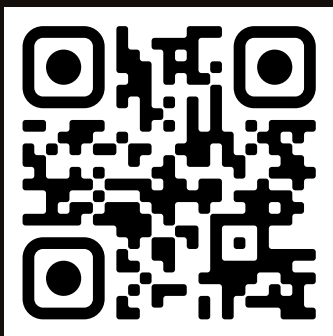
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2026 CATALOG & PRICE LIST

- ✓ Product catalog
- ✓ Price list
- ✓ Specifications
- ✓ Contact