

# SSD

## Enterprise SSD



Product	96FD25-ST480-M54P	96FD25-ST960-M54P	96FD25-ST1.9T-M54P	96FD25-ST3.8T-M54P
Product Description	Micron 5400PRO 2.5" 480GB SATA3 3DTLC	Micron 5400PRO 2.5" 960GB SATA3 3DTLC	Micron 5400PRO 2.5" 1.9TB SATA3 3DTLC	Micron 5400PRO 2.5" 3.8TB SATA3 3DTLC
Manufacturer	Micron	Micron	Micron	Micron
Capacity	480 GB	960 GB	1920 GB	3840 GB
Form Factor	2.5"	2.5"	2.5"	2.5"
Interface	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s
Sequential Read Performance	540 MB/s	540 MB/s	540 MB/s	540 MB/s
Sequential Write Performance	475 MB/s	520 MB/s	520 MB/s	520 MB/s
Dimensions (W x H x D)	100.45 x 69.85 x 7 mm / 3.955 x 2.75 x 0.276 in.	100.45 x 69.85 x 7 mm / 3.955 x 2.75 x 0.276 in.	100.45 x 69.85 x 7 mm / 3.955 x 2.75 x 0.276 in.	100.45 x 69.85 x 7 mm / 3.955 x 2.75 x 0.276 in.
MTBF (hours)	3000000	3000000	3000000	3000000
Operating Temperature	0 ~ 70°C (32 ~ 158°F)	0 ~ 70°C (32 ~ 158°F)	0 ~ 70°C (32 ~ 158°F)	0 ~ 70°C (32 ~ 158°F)
NAND Type (SLC/MLC/TLC)	TLC	TLC	TLC	TLC
Warranty	5 years	5 years	5 years	5 years

## Enterprise SSD



Product	96FD25-ST480-M54M	96FD25-ST960-M54M
Product Description	Micron 5400MAX 2.5" 480GB SATA3 3DTLC 5DWPD	Micron 5400MAX 2.5" 960GB SATA3 3DTLC 5DWPD
Manufacturer	Micron	Micron
Capacity	480 GB	960 GB
Form Factor	2.5"	2.5"
Interface	SATA 6 Gb/s	SATA 6 Gb/s
Sequential Read Performance	540 MB/s	540 MB/s
Sequential Write Performance	520 MB/s	520 MB/s
Dimensions (W x H x D)	100.45 x 69.85 x 7 mm / 3.955 x 2.75 x 0.276 in.	100.45 x 69.85 x 7 mm / 3.955 x 2.75 x 0.276 in.
MTBF (hours)	3000000	3000000
Operating Temperature	0 ~ 70°C (32 ~ 158°F)	0 ~ 70°C (32 ~ 158°F)
NAND Type (SLC/MLC/TLC)	TLC	TLC
Warranty	5 years	5 years

CPU

DRAM  
Memory  
Module

Solid State  
Drive

Hard Drive

Graphics  
Card

RAID  
Controller

Industrial  
Display

Power  
Supply

Keyboard &  
Mouse

Software

# SSD

2.5"



Product	96FD25-S256-TS1	96FD25-S512-TS1	96FD25-S1TB-TS1	96FD25-S2TB-TS1
Product Description	SSSTC SEMI-WT SSD 256GB 2.5" SATA TLC -25°C~85°C	SSSTC SEMI-WT SSD 512GB 2.5" SATA TLC -25°C~85°C	SSSTC SEMI-WT SSD 1TB 2.5" SATA TLC -25°C~85°C	SSSTC SEMI-WT SSD 2TB 2.5" SATA Bics5 TLC -25°C ~ +85 °C
Manufacturer	KIOXIA SSSTC	KIOXIA SSSTC	KIOXIA SSSTC	KIOXIA SSSTC
Capacity	256 GB	512 GB	1024 GB	2048 GB
Form Factor	2.5"	2.5"	2.5"	2.5"
Interface	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s
Sequential Read Performance	550 MB/s	550 MB/s	550 MB/s	550 MB/s
Sequential Write Performance	480 MB/s	490 MB/s	500 MB/s	510 MB/s
Dimensions (W x H x D)	100.45 x 69.85 x 7 mm / 3.955 x 2.75 x 0.276 in.	100.45 x 69.85 x 7 mm / 3.955 x 2.75 x 0.276 in.	100.45 x 69.85 x 7 mm / 3.955 x 2.75 x 0.276 in.	100.45 x 69.85 x 7 mm / 3.955 x 2.75 x 0.276 in.
MTBF (hours)	> 3,000,000 hours	> 3,000,000 hours	> 3,000,000 hours	> 3,000,000 hours
Operating Temperature	-25°C~85°C	-25°C~85°C	-25°C~85°C	-25°C~85°C
NAND Type (SLC/MLC/TLC)	TLC	TLC	TLC	TLC
Warranty	3 years	3 years	3 years	3 years

2.5"



Product	96FD25-S032-TR71	96FD25-S064-TR71	96FD25-S128-TR71	96FD25-S256-TR71
Product Description	Transcend 32GB 2.5" SATAIII MLC SSD	Transcend 64GB 2.5" SATAIII MLC SSD	Transcend 128GB 2.5" SATAIII MLC SSD	Transcend 256GB 2.5" SATAIII MLC SSD
Manufacturer	Transcend	Transcend	Transcend	Transcend
Capacity	32 GB	64 GB	128 GB	256 GB
Form Factor	2.5"	2.5"	2.5"	2.5"
Interface	SATA III	SATA III	SATA III	SATA III
Sequential Read Performance	290 MB/s	550 MB/s	550 MB/s	550 MB/s
Sequential Write Performance	60 MB/s	140 MB/s	440 MB/s	440 MB/s
Dimensions (W x H x D)	100 x 70 x 7 mm / 3.937 x 2.756 x 0.276 in.	100 x 70 x 7 mm / 3.937 x 2.756 x 0.276 in.	100 x 70 x 7 mm / 3.937 x 2.756 x 0.276 in.	100 x 70 x 7 mm / 3.937 x 2.756 x 0.276 in.
MTBF (hours)	1500000	1500000	1500000	1500000
Operating Temperature	0 ~ 70°C (32 ~ 158°F)	0 ~ 70°C (32 ~ 158°F)	0 ~ 70°C (32 ~ 158°F)	0 ~ 70°C (32 ~ 158°F)
NAND Type (SLC/MLC/TLC)	MLC	MLC	MLC	MLC
Warranty	3 years	3 years	3 years	3 years

# SSD

2.5"



Product	96FD25-S500-MX	96FD25-S1TB-MX	96FD25-S2TB-MX
Product Description	Micron/Crucial MX500 TLC SSD SATA3 2.5" 500G	Micron/Crucial MX500 TLC SSD SATA3 2.5" 1TB	Micron/Crucial MX500 TLC SSD SATA3 2.5" 2TB
Manufacturer	Micron	Micron	Micron
Capacity	500GB	1TB	2TB
Form Factor	2.5"	2.5"	2.5"
Interface	SATA III	SATA III	SATA III
Sequential Read Performance	560 MB/s	560 MB/s	560 MB/s
Sequential Write Performance	510 MB/s	510 MB/s	510 MB/s
Dimensions (W x H x D)	100.45 x 69.85 x 7 mm / 3.955 x 2.75 x 0.276 in.	100.45 x 69.85 x 7 mm / 3.955 x 2.75 x 0.276 in.	100.45 x 69.85 x 7 mm / 3.955 x 2.75 x 0.276 in.
MTBF (hours)	1500000	1500000	1500000
Operating Temperature	0 ~ 70°C (32 ~ 158°F)	0 ~ 70°C (32 ~ 158°F)	0 ~ 70°C (32 ~ 158°F)
NAND Type (SLC/MLC/TLC)	TLC	TLC	TLC
Warranty	3 years	3 years	3 years

2.5"



Product	96FD25-S032-ITR4	96FD25-S064-ITR4	96FD25-S128-ITR4	96FD25-S256-ITR4
Product Description	TR 32GB 2.5" SSD SATAIII MLC -40~90°C	TR 64GB 2.5" SSD SATAIII MLC -40~90°C	TR 128GB 2.5" SSD SATAIII MLC -40~90°C	TR 256GB 2.5" SSD SATAIII MLC -40~90°C
Manufacturer	Transcend	Transcend	Transcend	Transcend
Capacity	32GB	64GB	128GB	256GB
Form Factor	2.5"	2.5"	2.5"	2.5"
Interface	SATA III	SATA III	SATA III	SATA III
Sequential Read Performance	280 MB/s	560 MB/s	570 MB/s	570 MB/s
Sequential Write Performance	50 MB/s	110 MB/s	210 MB/s	400 MB/s
Dimensions (W x H x D)	100.45 x 69.85 x 7 mm / 3.955 x 2.75 x 0.276 in.	100.45 x 69.85 x 7 mm / 3.955 x 2.75 x 0.276 in.	100.45 x 69.85 x 7 mm / 3.955 x 2.75 x 0.276 in.	100.45 x 69.85 x 7 mm / 3.955 x 2.75 x 0.276 in.
MTBF (hours)	1500000	1500000	1500000	1500000
Operating Temperature	0 ~ 70°C (32 ~ 158°F)	0 ~ 70°C (32 ~ 158°F)	0 ~ 70°C (32 ~ 158°F)	0 ~ 70°C (32 ~ 158°F)
NAND Type (SLC/MLC/TLC)	MLC	MLC	MLC	MLC
Warranty	3 years	3 years	3 years	3 years

CPU

DRAM  
Memory  
Module

Solid State  
Drive

Hard Drive

Graphics  
Card

RAID  
Controller

Industrial  
Display

Power  
Supply

Keyboard &  
Mouse

Software

# SSD

## 2.5" SATA Semi Wide-Temp



Product	96FD25-S128-AH	96FD25-S256-AH	96FD25-S512-AH	96FD25-S1TB-AH	96FD25-S2TB-AH
Product Description	APACER SEMI-WT SSD 128GB 2.5" SATA Bics5 TLC -25°C ~ +85 °C	APACER SEMI-WT SSD 256GB 2.5" SATA Bics5 TLC -25°C ~ +85 °C	APACER SEMI-WT SSD 512GB 2.5" SATA Bics5 TLC -25°C ~ +85 °C	APACER SEMI-WT SSD 1TB 2.5" SATA Bics5 TLC -25°C ~ +85 °C	APACER SEMI-WT SSD 2TB 2.5" SATA Bics5 TLC -25°C ~ +85 °C
Manufacturer	Apacer	Apacer	Apacer	Apacer	Apacer
Capacity	128 GB	256 GB	512 GB	1024 GB	2048 GB
Form Factor	2.5"	2.5"	2.5"	2.5"	2.5"
Interface	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s	SATA 6 Gb/s
Sequential Read Performance	540 MB/s	560 MB/s	560 MB/s	560 MB/s	560 MB/s
Sequential Write Performance	480 MB/s	510 MB/s	510 MB/s	510 MB/s	510 MB/s
Dimensions (W x H x D)	100.00 x 69.85 x 7.00 mm	100.00 x 69.85 x 7.00 mm	100.00 x 69.85 x 7.00 mm	100.00 x 69.85 x 7.00 mm	100.00 x 69.85 x 7.00 mm
MTBF (hours)	>3,000,000 hours	>3,000,000 hours	>3,000,000 hours	>3,000,000 hours	>3,000,000 hours
Operating Temperature	-25°C ~ +85 °C	-25°C ~ +85 °C	-25°C ~ +85 °C	-25°C ~ +85 °C	-25°C ~ +85 °C
NAND Type (SLC/MLC/TLC)	TLC	TLC	TLC	TLC	TLC
Warranty	3 year	3 year	3 year	3 year	3 year

## 2.5" SATA (SLC-liteX SSD)



Product	96FD25-S032-ASL	96FD25-S064-ASL	96FD25-S128-ASL	96FD25-S256-ASL	96FD25-S512-ASL
Product Description	Apacer 32GB 2.5" SSD SATA SLC Lite	Apacer 64GB 2.5" SSD SATA SLC Lite	Apacer 128GB 2.5" SSD SATA SLC Lite	Apacer 256GB 2.5" SSD SATA SLC Lite	Apacer 512GB 2.5" SSD SATA SLC Lite
Manufacturer	Apacer	Apacer	Apacer	Apacer	Apacer
Capacity	32 GB	64 GB	128 GB	256 GB	512 GB
Form Factor	2.5"	2.5"	2.5"	2.5"	2.5"
Interface	SATA III	SATA III	SATA III	SATA III	SATA III
Sequential Read Performance	540 MB/s	560 MB/s	560 MB/s	560 MB/s	560 MB/s
Sequential Write Performance	495 MB/s	510 MB/s	515 MB/s	510 MB/s	505 MB/s
Dimensions (W x H x D)	69.85 x 7 x100 mm	69.85 x 7 x100 mm	69.85 x 7 x100 mm	69.85 x 7 x100 mm	69.85 x 7 x100 mm
MTBF (hours)	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
Operating Temperature	(Tc): 0°C to 70°C (32 ~ 158°F)	(Tc): 0°C to 70°C (32 ~ 158°F)	(Tc): 0°C to 70°C (32 ~ 158°F)	(Tc): 0°C to 70°C (32 ~ 158°F)	(Tc): 0°C to 70°C (32 ~ 158°F)
NAND Type (SLC/MLC/TLC)	TLC	TLC	TLC	TLC	TLC
Warranty	5 years or exceeded up to 100k P/E count	5 years or exceeded up to 100k P/E count	5 years or exceeded up to 100k P/E count	5 years or exceeded up to 100k P/E count	5 years or exceeded up to 100k P/E count

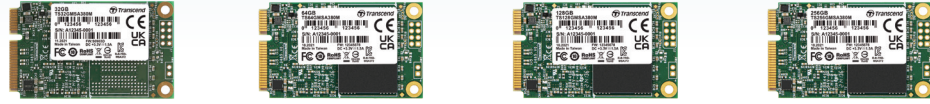
## mSATA Semi Wide-Temp



Product	96FD-M128-AH	96FD-M256-AH	96FD-M512-AH	96FD-M1TB-AH	96FD-M2TB-AH
Product Description	mSATA 128G SATA3 TLC SEMI WIDETEMP	mSATA 256G SATA3 TLC SEMI WIDETEMP	mSATA 512G SATA3 TLC SEMI WIDETEMP	mSATA 1TB SATA3 TLC SEMI WIDETEMP	mSATA 2TB SATA3 TLC SEMI WIDETEMP
Manufacturer	Apacer	Apacer	Apacer	Apacer	Apacer
Capacity	128GB	256GB	512GB	1TB	2TB
Form Factor	mSATA	mSATA	mSATA	mSATA	mSATA
Interface	SATA III	SATA III	SATA III	SATA III	SATA III
Sequential Read Performance	535 MB/s	560 MB/s	560 MB/s	560 MB/s	560 MB/s
Sequential Write Performance	500 MB/s	510 MB/s	515 MB/s	510 MB/s	515 MB/s
Dimensions (W x H x D)	29.85 x 4.85 x50.8 mm	29.85 x 4.85 x50.8 mm	29.85 x 4.85 x50.8 mm	29.85 x 4.85 x50.8 mm	29.85 x 4.85 x50.8 mm
MTBF (hours)	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
Operating Temperature	(Tc): -25°C to 85°C (-13 ~185°F)	(Tc): -25°C to 85°C (-13 ~185°F)	(Tc): -25°C to 85°C (-13 ~185°F)	(Tc): -25°C to 85°C (-13 ~185°F)	(Tc): -25°C to 85°C (-13 ~185°F)
NAND Type (SLC/MLC/TLC)	TLC	TLC	TLC	TLC	TLC
Warranty	3 years or exceeded up to 3k P/E count	3 years or exceeded up to 3k P/E count	3 years or exceeded up to 3k P/E count	3 years or exceeded up to 3k P/E count	3 years or exceeded up to 3k P/E count

# SSD

## mSATA



Product	96FD-M032-TR72	96FD-M064-TR72	96FD-M128-TR72	96FD-M256-TR72
Product Description	Transcend mSATA 32G SATA3 MLC	Transcend mSATA 64G SATA3 MLC	Transcend mSATA 128G SATA3 MLC	Transcend mSATA 256G SATA3 MLC
Manufacturer	Transcend	Transcend	Transcend	Transcend
Capacity	32 GB	64 GB	128 GB	256 GB
Form Factor	mSATA	mSATA	mSATA	mSATA
Interface	SATA III	SATA III	SATA III	SATA III
Sequential Read Performance	280 MB/s	550 MB/s	550 MB/s	550 MB/s
Sequential Write Performance	50 MB/s	140 MB/s	260 MB/s	420 MB/s
Dimensions (W x H x D)	50.8 x 29.85 x 4.85 mm / 2 x 1.175 x 0.19 in.	50.8 x 29.85 x 4.85 mm / 2 x 1.175 x 0.19 in.	50.8 x 29.85 x 4.85 mm / 2 x 1.175 x 0.19 in.	50.8 x 29.85 x 4.85 mm / 2 x 1.175 x 0.19 in.
MTBF (hours)	2,500,000 hours	2,500,000 hours	2,500,000 hours	2,500,000 hours
Operating Temperature	0°C to 70°C	0°C to 70°C	0°C to 70°C	0°C to 70°C
NAND Type (SLC/MLC/TLC)	MLC	MLC	MLC	MLC
Warranty	3 year	3 year	3 year	3 year

CPU

DRAM  
Memory  
Module

Solid State  
Drive

Hard Drive

Graphics  
Card

## M.2 2242 (SATA)



Product	96FD42-S256-TS	96FD42-S512-TS	96FD42-S1TB-TS	96FD42-S2TB-TS
Product Description	SSSTC SEMI-WT SSD 256GB M.2 2242 SATA TL	SSSTC SEMI-WT SSD 512GB M.2 2242 SATA TLC	SSSTC SEMI-WT SSD 1TB M.2 2242 SATA TLC	SSSTC SEMI-WT SSD 2TB M.2 2242 SATA TLC
Manufacturer	KIOXIA SSSTC	KIOXIA SSSTC	KIOXIA SSSTC	KIOXIA SSSTC
Capacity	256 GB	512 GB	1024 GB	2048 GB
Form Factor	M.2 2242	M.2 2242	M.2 2242	M.2 2242
Interface	SATA	SATA	SATA	SATA
Sequential Read Performance	550 MB/s	550 MB/s	550 MB/s	550 MB/s
Sequential Write Performance	480 MB/s	490 MB/s	500 MB/s	510 MB/s
Dimensions (W x H x D)	22 x 2.23 x 42 mm / 0.866 x 0.087 x 1.654 in.	22 x 2.23 x 42 mm / 0.866 x 0.087 x 1.654 in.	22 x 2.23 x 42 mm / 0.866 x 0.087 x 1.654 in.	22 x 2.23 x 42 mm / 0.866 x 0.087 x 1.654 in.
MTBF (hours)	>3,000,000 hours	>3,000,000 hours	>3,000,000 hours	>3,000,000 hours
Operating Temperature	-25°C to 85°C	-25°C to 85°C	-25°C to 85°C	-25°C to 85°C
NAND Type (SLC/MLC/TLC)	TLC	TLC	TLC	TLC
Warranty	3 years	3 years	3 years	3 years

RAID  
Controller

Industrial  
Display

Power  
Supply

Keyboard &  
Mouse

Software

# SSD

## M.2 2280 (SATA)



Product	96FD80-S256-TS	96FD80-S512-TS	96FD80-S1TB-TS	96FD80-S2TB-TS
Product Description	SSSTC SEMI-WT SSD 256GB M.2 2280 SATA TLC -25°C ~ +85 °C	SSSTC SEMI-WT SSD 512GB M.2 2280 SATA TLC -25°C ~ +85 °C	SSSTC SEMI-WT SSD 1TB M.2 2280 SATA TLC -25°C ~ +85 °C	SSSTC SEMI-WT SSD 2TB M.2 2280 SATA TLC -25°C ~ +85 °C
Manufacturer	KIOXIA SSSTC	KIOXIA SSSTC	KIOXIA SSSTC	KIOXIA SSSTC
Capacity	256 GB	512 GB	1024 GB	2048 GB
Form Factor	M.2 2280	M.2 2280	M.2 2280	M.2 2280
Interface	SATA	SATA	SATA	SATA
Sequential Read Performance	550 MB/s	550 MB/s	550 MB/s	550 MB/s
Sequential Write Performance	480 MB/s	490 MB/s	500 MB/s	510 MB/s
Dimensions (W x H x D)	22 x 2.3 x 80 mm / 0.866 x 0.09 x 3.149 in.	22 x 2.3 x 80 mm / 0.866 x 0.09 x 3.149 in.	22 x 2.3 x 80 mm / 0.866 x 0.09 x 3.149 in.	22 x 2.3 x 80 mm / 0.866 x 0.09 x 3.149 in.
MTBF (hours)	>3,000,000 hours	>3,000,000 hours	>3,000,000 hours	>3,000,000 hours
Operating Temperature	-25°C to 85°C	-25°C to 85°C	-25°C to 85°C	-25°C to 85°C
NAND Type (SLC/MLC/TLC)	TLC	TLC	TLC	TLC
Warranty	3 years	3 years	3 years	3 years

## M.2 2280 (SATA) Semi Wide-Temp



Product	96FD80-S128-AH	96FD80-S256-AH	96FD80-S512-AH	96FD80-S1TB-AH	96FD80-S2TB-AH
Product Description	APACER SEMI-WT SSD 128GB M.22280 SATA TLC -25°C ~ +85 °C	APACER SEMI-WT SSD 256GB M.22280 SATA TLC -25°C ~ +85 °C	APACER SEMI-WT SSD 512GB M.22280 SATA TLC -25°C ~ +85 °C	APACER SEMI-WT SSD 1TB M.22280 SATA TLC -25°C ~ +85 °C	APACER SEMI-WT SSD 2TB M.22280 SATA TLC -25°C ~ +85 °C
Manufacturer	Apacer	Apacer	Apacer	Apacer	Apacer
Capacity	128GB	256GB	512GB	1TB	2TB
Form Factor	M.2 2280	M.2 2280	M.2 2280	M.2 2280	M.2 2280
Interface	SATA III	SATA III	SATA III	SATA III	SATA III
Sequential Read Performance	535 MB/s	560 MB/s	560 MB/s	560 MB/s	560 MB/s
Sequential Write Performance	500 MB/s	510 MB/s	515 MB/s	510 MB/s	515 MB/s
Dimensions (W x H x D)	22 x 3.88 x 80 mm	22 x 3.88 x 80 mm	22 x 3.88 x 80 mm	22 x 3.88 x 80 mm	22 x 3.88 x 80 mm
MTBF (hours)	3000000	3000000	3000000	3000000	3000000
Operating Temperature	(Tc): -25°C to 85°C (-13 ~185°F)	(Tc): -25°C to 85°C (-13 ~185°F)	(Tc): -25°C to 85°C (-13 ~185°F)	(Tc): -25°C to 85°C (-13 ~185°F)	(Tc): -25°C to 85°C ( -13 ~185°F)
NAND Type (SLC/MLC/TLC)	TLC	TLC	TLC	TLC	TLC
Warranty	3 years or exceeded up to 3k P/E count	3 years or exceeded up to 3k P/E count	3 years or exceeded up to 3k P/E count	3 years or exceeded up to 3k P/E count	3 years or exceeded up to 3k P/E count

# SSD

## M.2 2242 (NVMe)



Product	96FD42-P256-TS	96FD42-P512-TS	96FD42-P1TB-TS
Product Description	SSSTC M.2 2242 256GB NVME G4x4 DRAMLESS SSD TLC	SSSTC M.2 2242 512GB NVME G4x4 DRAMLESS SSD TLC	SSSTC M.2 2242 1TB NVME G4x4 DRAMLESS SSD TLC
Manufacturer	KIOXIA SSSTC	KIOXIA SSSTC	KIOXIA SSSTC
Capacity	256GB	512GB	1TB
Form Factor	M.2 2242	M.2 2242	M.2 2242
Interface	PCIe	PCIe	PCIe
Sequential Read Performance	3200 MB/s	3200 MB/s	3700 MB/s
Sequential Write Performance	2100 MB/s	2100 MB/s	2600 MB/s
Dimensions (W x H x D)	22 x 3.5 x 42 mm / 0.866 x 0.138 x 1.654 in.	22 x 3.5 x 42 mm / 0.866 x 0.138 x 1.654 in.	22 x 3.5 x 42 mm / 0.866 x 0.138 x 1.654 in.
MTBF (hours)	1500000	1500000	1500000
Operating Temperature	0 ~ 70°C (32 ~ 158°F)	0 ~ 70°C (32 ~ 158°F)	0 ~ 70°C (32 ~ 158°F)
NAND Type (SLC/MLC/TLC)	TLC	TLC	TLC
Warranty	3 years	3 years	3 years

## M.2 2280 (NVMe) Semi Wide-Temp

Product	96FD80-P256-TS1	96FD80-P512-TS1	96FD80-P1TB-TS1	96FD80-P2TB-TS1
Product Description	SSSTC M.2 2280 256GB NVME G4x4 DRAMLESS SSD -25°C ~ +85 °C	SSSTC M.2 2280 512GB NVME G4x4 DRAMLESS SSD -25°C ~ +85 °C	SSSTC M.2 2280 1TB NVME G4x4 DRAMLESS SSD -25°C ~ +85 °C	SSSTC M.2 2280 2TB NVME G4x4 DRAMLESS SSD -25°C ~ +85 °C
Manufacturer	KIOXIA SSSTC	KIOXIA SSSTC	KIOXIA SSSTC	KIOXIA SSSTC
Capacity	256 GB	512 GB	1024 GB	2048 GB
Form Factor	M.2 2280	M.2 2280	M.2 2280	M.2 2280
Interface	PCIe	PCIe	PCIe	PCIe
Sequential Read Performance	3500 MB/s	4200 MB/s	5000 MB/s	5500 MB/s
Sequential Write Performance	450 MB/s	750 MB/s	850 MB/s	1450 MB/s
Dimensions (W x H x D)	22 x 2.23 x 80 mm	22 x 2.23 x 80 mm	22 x 2.23 x 80 mm	22 x 2.23 x 80 mm
MTBF (hours)	>3,000,000 hours	>3,000,000 hours	>3,000,000 hours	>3,000,000 hours
Operating Temperature	-25°C to 85°C	-25°C to 85°C	-25°C to 85°C	-25°C to 85°C
NAND Type (SLC/MLC/TLC)	TLC	TLC	TLC	TLC
Warranty	3 years	3 years	3 years	3 years

CPU

DRAM  
Memory  
Module

Solid State  
Drive

Hard Drive

Graphics  
Card

RAID  
Controller

Industrial  
Display

Power  
Supply

Keyboard &  
Mouse

Software

# SSD

## M.2 2280 (NVMe) Semi Wide-Temp



Product	96FD80-P128-AH	96FD80-P256-AH	96FD80-P512-AH	96FD80-P1TB-AH	96FD80-P2TB-AH
Product Description	APACER M.2 2280 128GB NVME G4x4 DRAMLESS SSD -25°C ~ +85 °C	APACER M.2 2280 256GB NVME G4x4 DRAMLESS SSD -25°C ~ +85 °C	APACER M.2 2280 512GB NVME G4x4 DRAMLESS SSD -25°C ~ +85 °C	APACER M.2 2280 1TB NVME G4x4 DRAMLESS SSD -25°C ~ +85 °C	APACER M.2 2280 2TB NVME G4x4 DRAMLESS SSD -25°C ~ +85 °C
Manufacturer	Apacer	Apacer	Apacer	Apacer	Apacer
Capacity	128GB	256GB	512GB	1TB	2TB
Form Factor	M.2 2280	M.2 2280	M.2 2280	M.2 2280	M.2 2280
Interface	PCIe	PCIe	PCIe	PCIe	PCIe
Sequential Read Performance	1570 MB/s	3130 MB/s	3635 MB/s	3700 MB/s	3700 MB/s
Sequential Write Performance	850 MB/s	1615 MB/s	3150 MB/s	3475 MB/s	3485 MB/s
Dimensions (W x H x D)	22 x 4.08 x 80 mm	22 x 4.08 x 80 mm	22 x 4.08 x 80 mm	22 x 4.08 x 80 mm	22 x 4.08 x 80 mm
MTBF (hours)	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
Operating Temperature	(Tc): -25°C to 85°C (-13 ~185°F)	(Tc): -25°C to 85°C (-13 ~185°F)	(Tc): -25°C to 85°C (-13 ~185°F)	(Tc): -25°C to 85°C (-13 ~185°F)	(Tc): -25°C to 85°C (-13 ~185°F)
NAND Type (SLC/MLC/TLC)	TLC	TLC	TLC	TLC	TLC
Warranty	3 years or exceeded up to 3k P/E count	3 years or exceeded up to 3k P/E count	3 years or exceeded up to 3k P/E count	3 years or exceeded up to 3k P/E count	3 years or exceeded up to 3k P/E count

## Semi Industrial Grade 2.5" SATA



Product	96FD25-S256-AC	96FD25-S512-AC	96FD25-S1TB-AC
Product Description	APACER SEMI-WT SSD 256GB 2.5" SATA Bics5 TLC -25°C ~ +85 °C	APACER SEMI-WT SSD 512GB 2.5" SATA Bics5 TLC -25°C ~ +85 °C	APACER SEMI-WT SSD 1TB 2.5" SATA Bics5 TLC -25°C ~ +85 °C
Manufacturer	Apacer	Apacer	Apacer
Capacity	256GB	512GB	1TB
Form Factor	2.5"	2.5"	2.5"
Interface	SATA III	SATA III	SATA III
Sequential Read Performance	560 MB/s	560 MB/s	560 MB/s
Sequential Write Performance	510 MB/s	510 MB/s	510 MB/s
Dimensions (W x H x D)	69.85 x7 x100 mm	69.85 x7 x100 mm	69.85 x7 x100 mm
MTBF (hours)	3000000	3000000	3000000
Operating Temperature	(Tc): -25°C to 85°C (-13 ~185°F)	(Tc): -25°C to 85°C (-13 ~185°F)	(Tc): -25°C to 85°C (-13 ~185°F)
NAND Type (SLC/MLC/TLC)	TLC	TLC	TLC
Warranty	3 years or exceeded up to 3k P/E count	3 years or exceeded up to 3k P/E count	3 years or exceeded up to 3k P/E count