

Product Description 2021



SATA3
SSDs



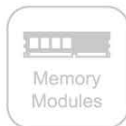
PCIe
SSDs



Memory
Cards



Portable
SSD



Memory
Modules

AGILE GEAR
INTERNATIONAL

Product Family



2.5" SATA3 SSD



AI138/178/188/238

M.2 PCIe SSD



AI198/218

SSDs

SATA3 SSD



ED138

Portable
SSDs

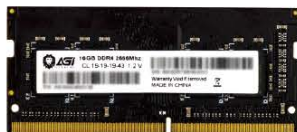
micro SD Series



TF138

Memory
Cards

SODIMM



SD138

UDIMM



UD138

Memory
Modules

2.5" SATA3 SSD



Feature

- Intel NAND Flash for higher durability and capacity
- Supports S.M.A.R.T, TRIM Command, APM, NCQ, and DevSleep
- SLC caching enhances transmission speed
- Hardware LDPC ECC engine



Specifications

Size	100x69.85x7mm
Weight	63g
Operating Voltage	5V
Operating Temp.	0°C~70°C
Storage Temp.	-40°C~85°C
Certificate	CE,FCC,BSMI,VCCI,RoHS
Warranty	3 years

TLC Product Line

Model	AI138	AI138	AI178	AI178	AI188
Capacity	240GB	256GB	512GB	960GB	2TB
NAND Flash	3D TLC	3D TLC	3D TLC	3D TLC	3D TLC
Read/Write Speed(Maximum)	543 / 503 MB/s	556 / 515 MB/s	556 / 519 MB/s	558 / 523 MB/s	563 / 464 MB/s
DRAM Cache	no	no	no	no	yes

QLC Product Line

Model	AI238	AI238	AI238
Capacity	240GB	480GB	960GB
NAND Flash	3D QLC	3D QLC	3D QLC
Read/Write Speed(Maximum)	561 / 358 MB/s	563 / 496 MB/s	564 / 495 MB/s
DRAM Cache	no	no	no



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*Performance may vary based on SSD capacity, hardware test platform, test software, operating system, and other system variables

M.2 PCIe SSD



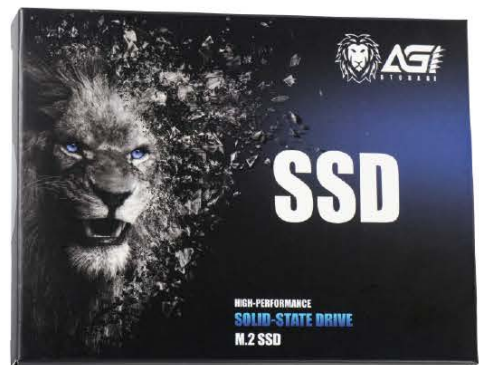
Feature

Intel NAND Flash for higher durability and capacity
 Supports S.M.A.R.T, TRIM Command, APM and NCQ
 SLC caching & Hardware LDPC ECC engine
 Supports NVMe 1.3
 Interface : Gen 3x4



Specifications

Form factor	M.2 2280
Size	80x22x3.5mm
Weight	6g
Operating Voltage	5V
Operating Temp.	0°C~70°C
Storage Temp.	-40°C~85°C
Certificate	CE,FCC,BSMI,VCCI,RoHS
Support	S.M.A.R.T. / TRIM / APM / NCQ
Warranty	3 years



NVMe M.2 PCIe

Model	AI198	AI198	AI198
Capacity	256GB	512GB	1TB
NAND Flash	3D TLC	3D TLC	3D TLC
Read/Write Speed(Maximum)	1979 / 1246 MB/s	2081 / 1650 MB/s	2149 / 1720 MB/s
DRAM Cache	no	no	no

NVMe M.2 PCIe(Heat sink inside)

Model	AI218	AI218
Capacity	1TB	2TB
NAND Flash	3D TLC	3D TLC
Read/Write Speed(Maximum)	3507 / 3114 MB/s	3499 / 3075 MB/s
DRAM Cache	yes	yes



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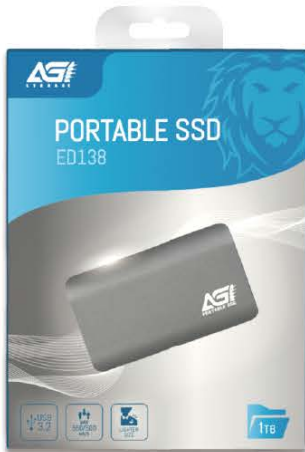
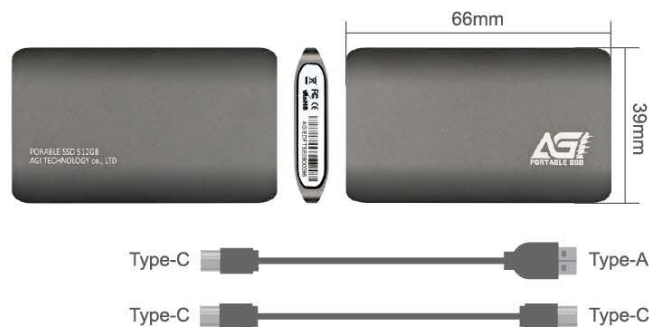
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Portable SSD



Feature

- Intel NAND Flash for higher durability and capacity
- Supports USB 3.2 Gen2
- Provides TypeC to TypeC & TypeA to TypeC cable
- Compact design smaller than a credit card
- Super light with strong Aluminum case



Specifications

Size	66x39x8.6mm
Weight	41g
Operating Voltage	5V
Operating Temp.	0°C~70°C
Storage Temp.	-40°C~85°C
Certificate	CE,FCC,BSMI,RoHS
Warranty	3 years

SATA 3 Portable SSD

Model	ED138	ED138
Capacity	512GB	1TB
Read/Write Speed(Maximum)	539 / 473 MB/s	554 / 490 MB/s



Product page

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MicroSD Series



Feature

- Supports multiple devices : Smartphones, Tablets, Digital Cameras, and Video Recorders
- Write-in protection & ECC (Error Correcting Code)
- UHS-I C10 : Supports Full HD video
- V30 : Supports Ultra HD 4K recording and playback
- A2 : Installs and runs APPs faster



Specifications

Size	15x11x1mm
Weight	0.25g
Operating Voltage	1.8V
Operating Temp.	0°C~70°C
Storage Temp.	-40°C~85°C
Certificate	CE,FCC,BSMI,RoHS

UHS-I U1 C10

Model	TF138	TF138	TF138
Capacity	16GB	32GB	64GB
Speed Class	UHS-I / U1 / C10	UHS-I / U1 / C10	UHS-I / U1 / C10
Read/Write Speed (Maximum)	10 - 80 /10MB/s	10 - 80 /10MB/s	10 - 80 /10MB/s
Warranty	3 years	3 years	3 years

C10 U3 V30 A1

Model	TF138
Capacity	128GB
Speed Class	C10 / U3 / V30 / A1
Read/Write Speed (Maximum)	100 / 30MB/s
Warranty	3 years

C10 U3 V30 A2

Model	TF138	TF138
Capacity	256GB	512GB
Speed Class	C10 / U3 / V30 / A2	C10 / U3 / V30 / A2
Read/Write Speed (Maximum)	100 / 60MB/s	100 / 60MB/s
Warranty	3 years / 5 years	3 years / 5 years



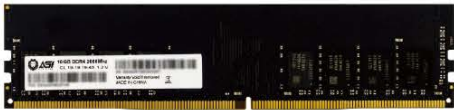
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DRAM



Feature

- High speed up to 2666MHz
- Energy efficiency : Saves 20% power compared to DDR3
- High-quality PCB : Provides improved signal transfer and system stability



Specifications

Operating Voltage	1.2V
Operating Temp.	0°C~70°C
Storage Temp.	-40°C~85°C
Certificate	CE,FCC,BSMI,RoHS
Warranty	Life Time

UDIMM

Model	UD138	UD138
Pin	288	288
Capacity	8GB	16GB
Speed	DDR-2666	DDR-2666

SODIMM

Model	SD138	SD138
Pin	260	260
Capacity	8GB	16GB
Speed	DDR-2666	DDR-2666



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