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USB Stick

- USB flash memory 50GB
- FAT32 4GB 가 가 exFAT NTFS
- USB Flash SSD cache 가



USB

가



		LED					USB-C Read	USB-C Write	USB-C	가	
Sandisk	Cruzer Blade	X	16 GB	20 MB/s	10 MB/s	5 MB/s				3,000	
	Ultra USB3	O	64 GB	150 MB/s	50 MB/s	53 MB/s				9,000	
	Ultra Flair USB 3.0	X	32 GB	150 MB/s	35 MB/s	23 MB/s				7,000	
eVtran	SSD	O	256 GB	350 MB/s	300 MB/s	326 MB/s				43,000	NAND
	V03S MLC	O	128 GB	220 MB/s	150 MB/s	139 MB/s				25,000	NAND
	V03S SLC 3.0	O	8GB	180 MB/s	110 MB/s	103 MB/s				10,000	NAND
	UX200	O	64 GB	210 MB/s	100 MB/s	97 MB/s				30,000	
	UX300	O	256GB	460 MB/s	280 MB/s	315 MB/s				85,000	
Orico	UFSD-I	X	512 GB	405 MB/s	350 MB/s	234 MB/s				53,000	
SONIZOON	PSSD USB3.1	O	512 GB	420 MB/s	380 MB/s	361 MB/s				50,000	NAND
TeamGroup	X1 MAX	X	512 GB	435 MB/s	435 MB/s	380 MB/s	1000 MB/s	1000 MB/s	624 MB/s	77,000	

		LED					USB-C Read	USB-C Write	USB-C	가	
MOVESPEED	SP20	X	2TB	435 MB/s	435 MB/s	413 MB/s	2100 MB/s	1900 MB/s	974 MB/s	135,000	



NAND

가

가

SLC

가

MLC/TLC



USB

. 200mA ~ 1000mA

가

.



smi_flash_id

Original Spare Block Count : 138 Vendor

Marked Bad Block : 0 Bad Block From Pretest : 92

가

NAND

Sandisk Cruzer Blade



16GB

chipgenius

Description: [H:]USB (SanDisk Cruzer Blade)
Device Type: Mass Storage Device

Protocol Version: USB 2.00
Current Speed: High Speed
Max Current: 200mA

USB Device ID: VID = 0781 PID = 5567
Serial Number: 2006087721166A538531

Device Vendor: SanDisk
Device Name: Cruzer Blade
Device Revision: 0201

Manufacturer: SanDisk
Product Model: Cruzer Blade
Product Revision: 2.01

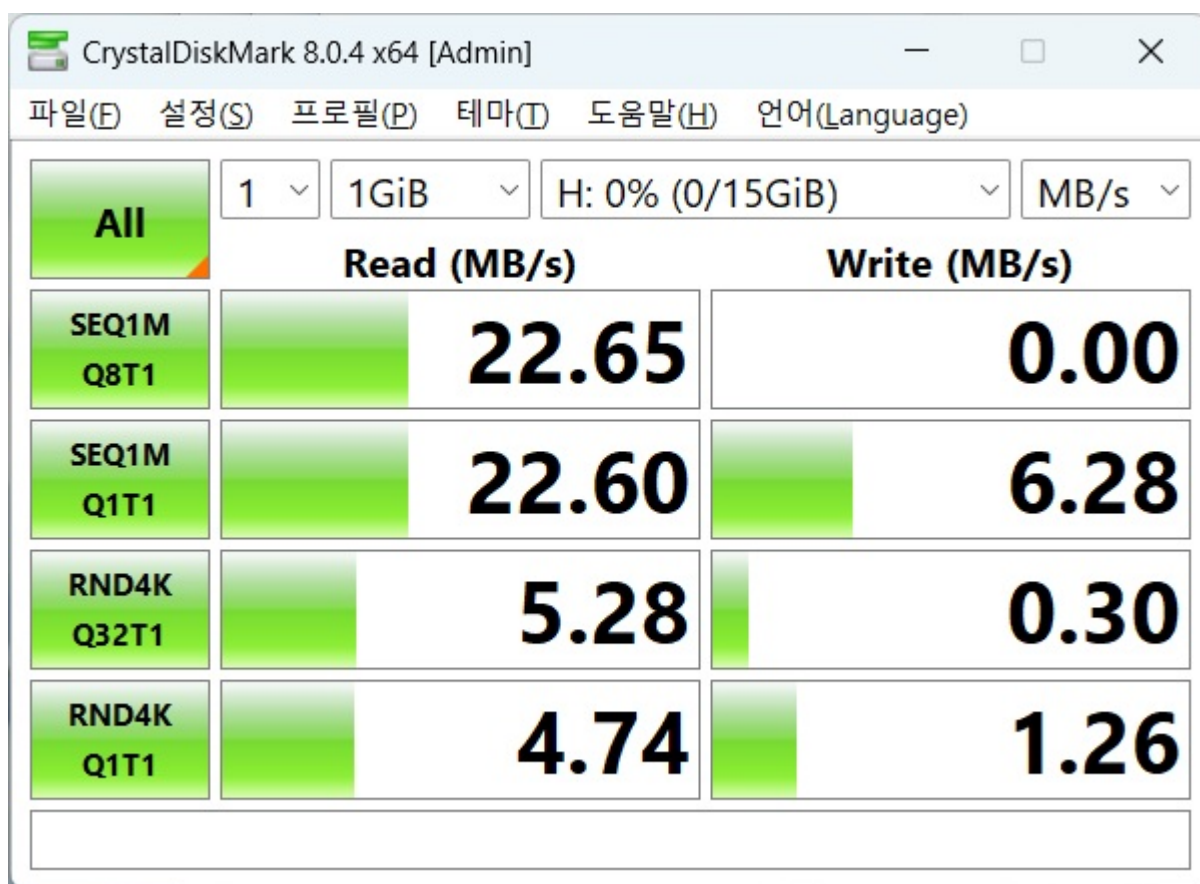
Controller Part-Number: Unknown

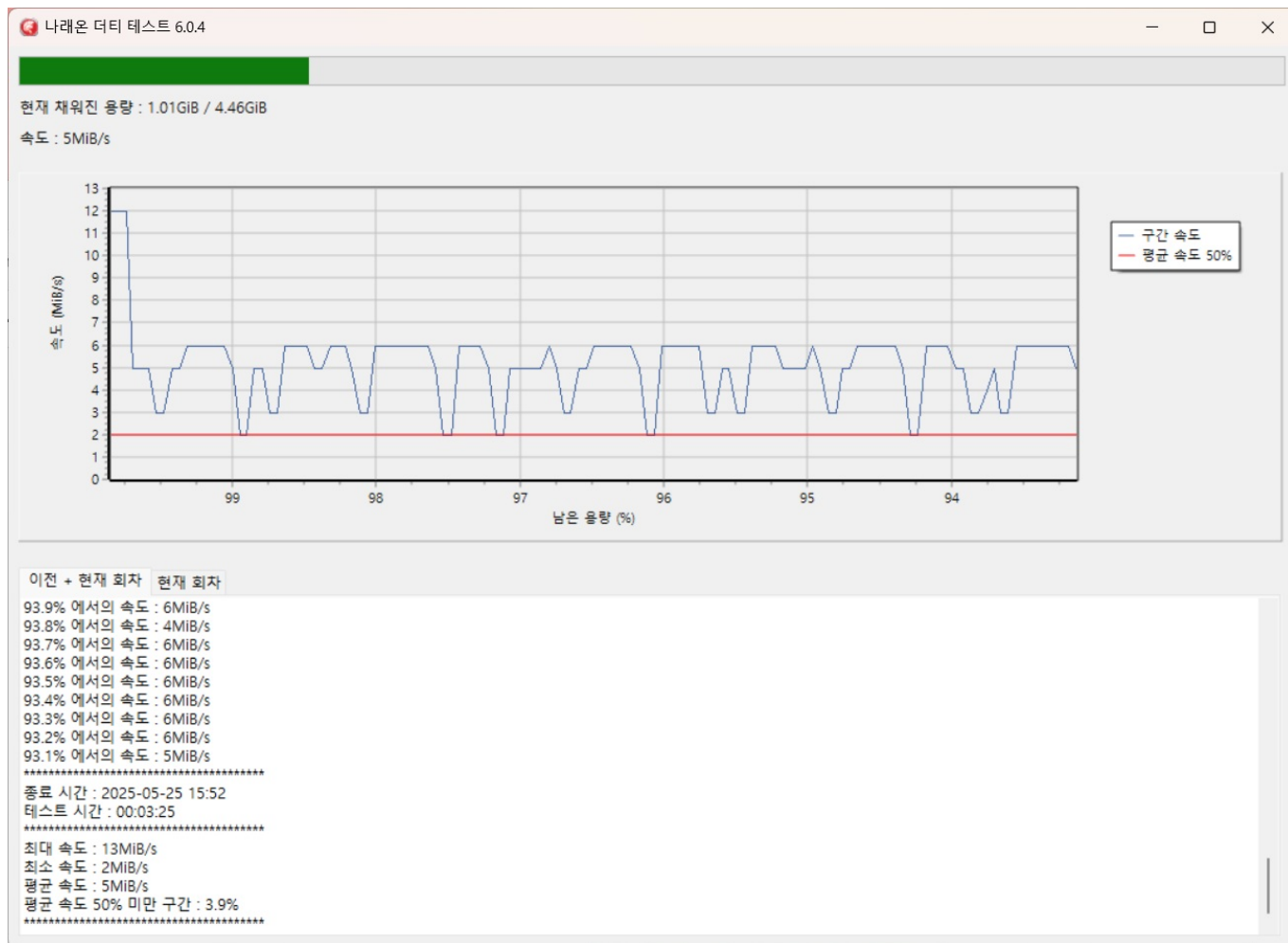
usbdriveinfo

Volume: H:
Controller: SanDisk
Possible Memory Chip(s): Not available
VID: 0781
PID: 5567

Manufacturer: SanDisk
Product: Cruzer Blade
Query Vendor ID: SanDisk
Query Product ID: Cruzer Blade
Query Product Revision: 2.01
Physical Disk Capacity: 16008609792 Bytes
Windows Disk Capacity: 15990775808 Bytes
Internal Tags: 3Y4F-8CB4
File System: FAT32
Relative Offset: 1024 KB
USB Version: 2.00
Declared Power: 200 mA
ContMeas ID: 24AC-04-00
Microsoft Windows 10 x64 Build 26100

<http://www.antspec.com/usbflashinfo/>
Program Version: 9.4.0.645





Sandisk Ultra USB3



64GB

chipgenius

Description: [H:]USB (SanDisk Ultra)
Device Type: Mass Storage Device

Protocal Version: USB 3.00
Current Speed: High Speed
Max Current: 896mA

USB Device ID: VID = 0781 PID = 5581
Serial Number: 4C531001520901109171

Device Vendor: SanDisk
Device Name: Ultra
Device Revision: 0100

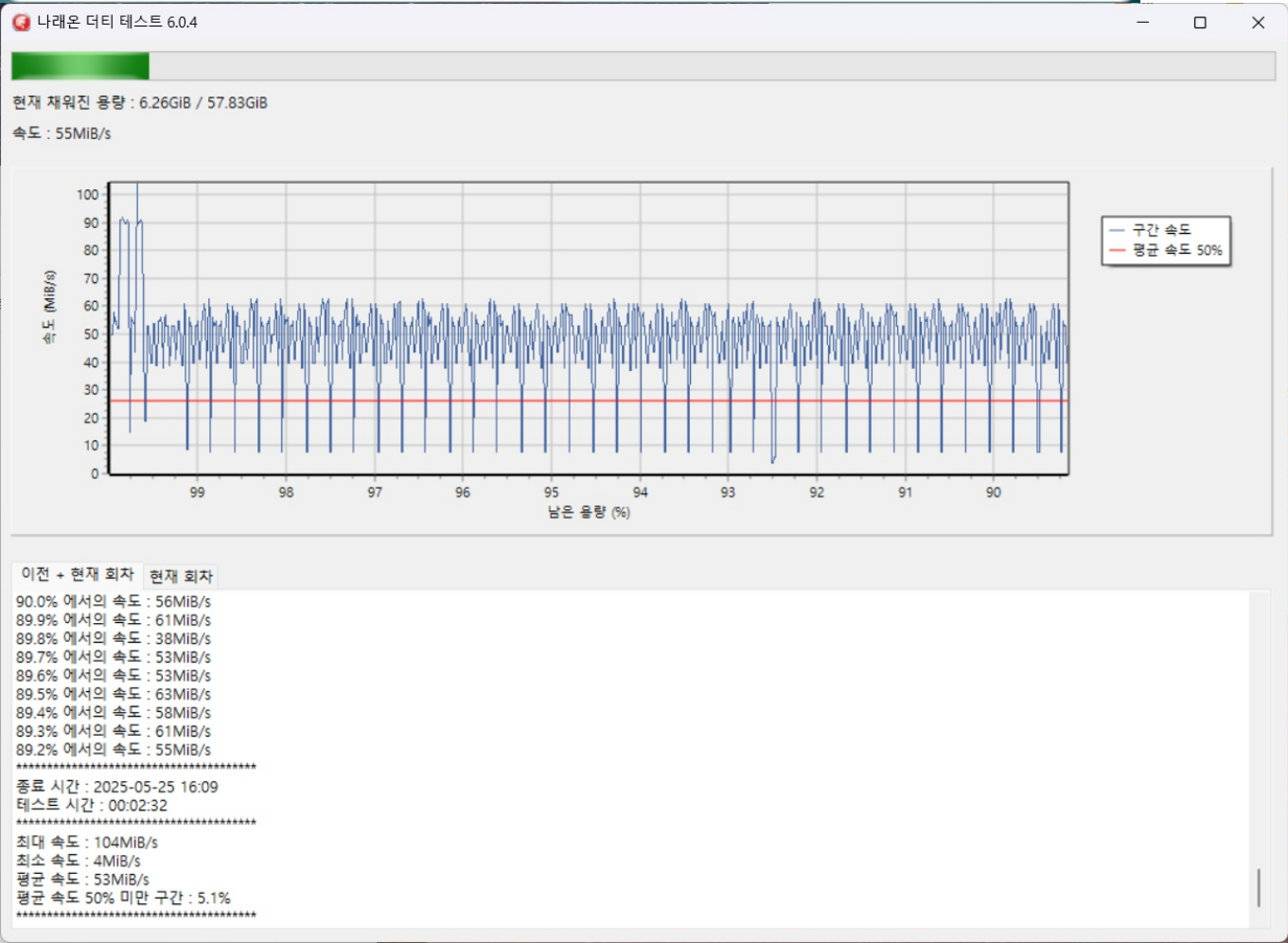
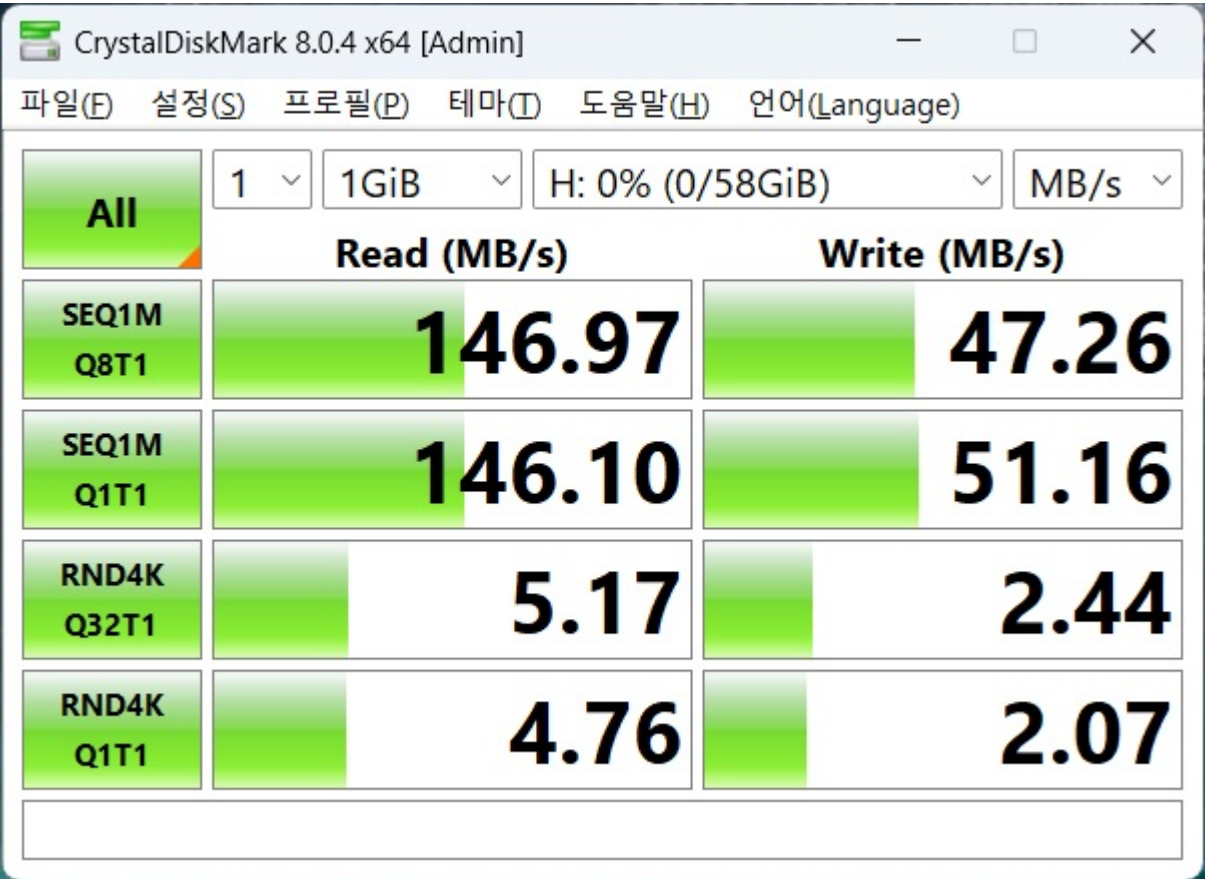
Manufacturer: SanDisk
Product Model: Ultra
Product Revision: 1.00

Controller Part-Number: Unknown

usbdriveinfo

Volume: H:
Controller: SanDisk
Possible Memory Chip(s): Not available
VID: 0781
PID: 5581
Manufacturer: SanDisk
Product: Ultra
Query Vendor ID: SanDisk
Query Product ID: Ultra
Query Product Revision: 1.00
Physical Disk Capacity: 62176362496 Bytes
Windows Disk Capacity: 62171119616 Bytes
Internal Tags: 3W4F-8CF4
File System: EXFAT
Relative Offset: 1024 KB
USB Version: 3.00
Declared Power: 896 mA
ContMeas ID: 24AC-05-00
Microsoft Windows 10 x64 Build 26100

<http://www.antspec.com/usbflashinfo/>
Program Version: 9.4.0.645



Sandisk Ultra Flair USB 3.0



32GB

chipgenius

```
Description: [F:]USB (USB SanDisk 3.2Gen1)
Device Type: Mass Storage Device

Protocal Version: USB 3.20
Current Speed: High Speed
Max Current: 896mA

USB Device ID: VID = 0781 PID = 5591
Serial Number:
0101E0FDD0C86576DCF0E14412CCDF0B69FC9647895746B975729694E4F9FAC0D9A100000000
000000000000447C8A7E000A0D00915581072A30C8A5

Device Vendor: USB
Device Name: SanDisk 3.2Gen1
Device Revision: 0100

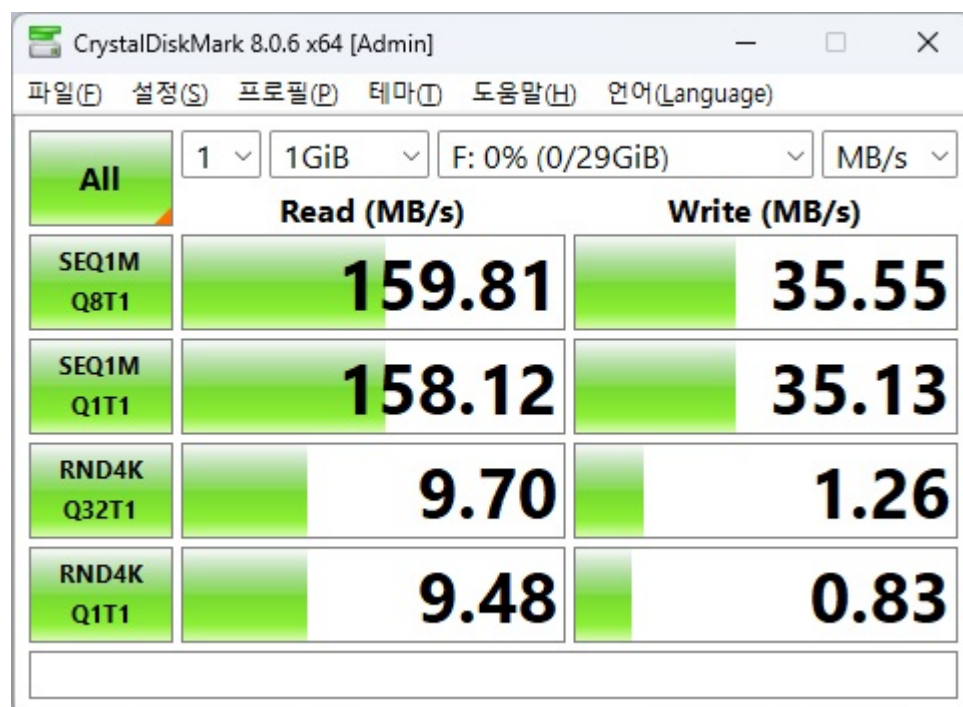
Manufacturer: USB
Product Model: SanDisk 3.2Gen1
Product Revision: 1.00

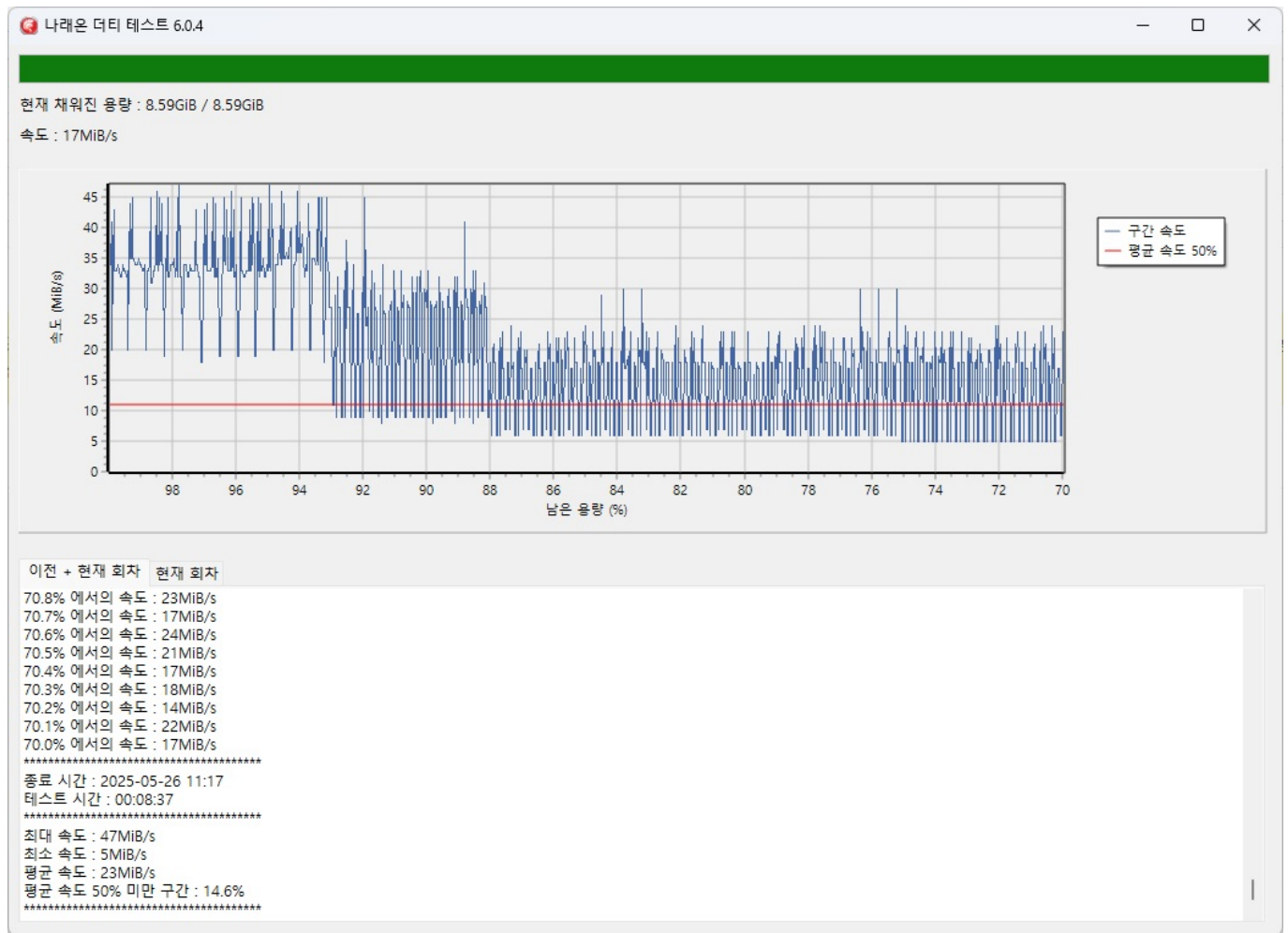
Controller Part-Number: Unknown
```

usbdriveinfo

Volume: F:
Controller: SanDisk
Possible Memory Chip(s): Not available
VID: 0781
PID: 5591
Manufacturer: USB
Product: SanDisk 3.2Gen1
Query Vendor ID: USB
Query Product ID: SanDisk 3.2Gen1
Query Product Revision: 1.00
Physical Disk Capacity: 30784094208 Bytes
Windows Disk Capacity: 30767300608 Bytes
Internal Tags: 3Y4X-QACL
File System: FAT32
Relative Offset: 16 KB
USB Version: 3.10
Declared Power: 896 mA
ContMeas ID: D941-03-00
Microsoft Windows 10 x64 Build 22631

<http://www.antspec.com/usbflashinfo/>
Program Version: 9.4.0.645





eVtran SSD 256G



Material: Aluminum alloy

Size (mm): 64*17.5*8.0

***Single USB-A Interface. Without TYPEC**

256GB

chipgeinus

Description: [J:][K:][L:]USB (ASMT 2115)
Device Type: Mass Storage Device

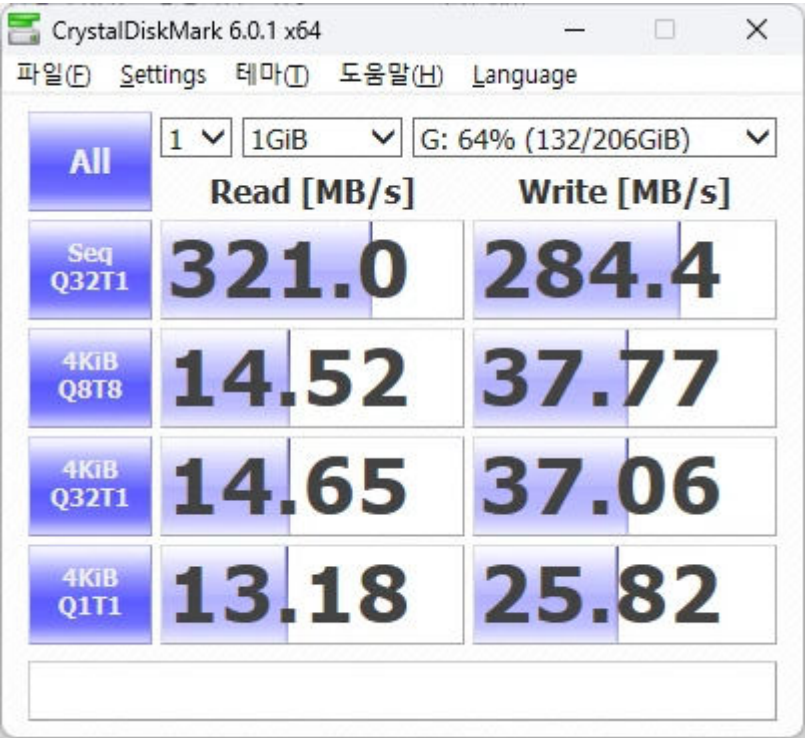
Protocal Version: USB 3.00
Current Speed: High Speed

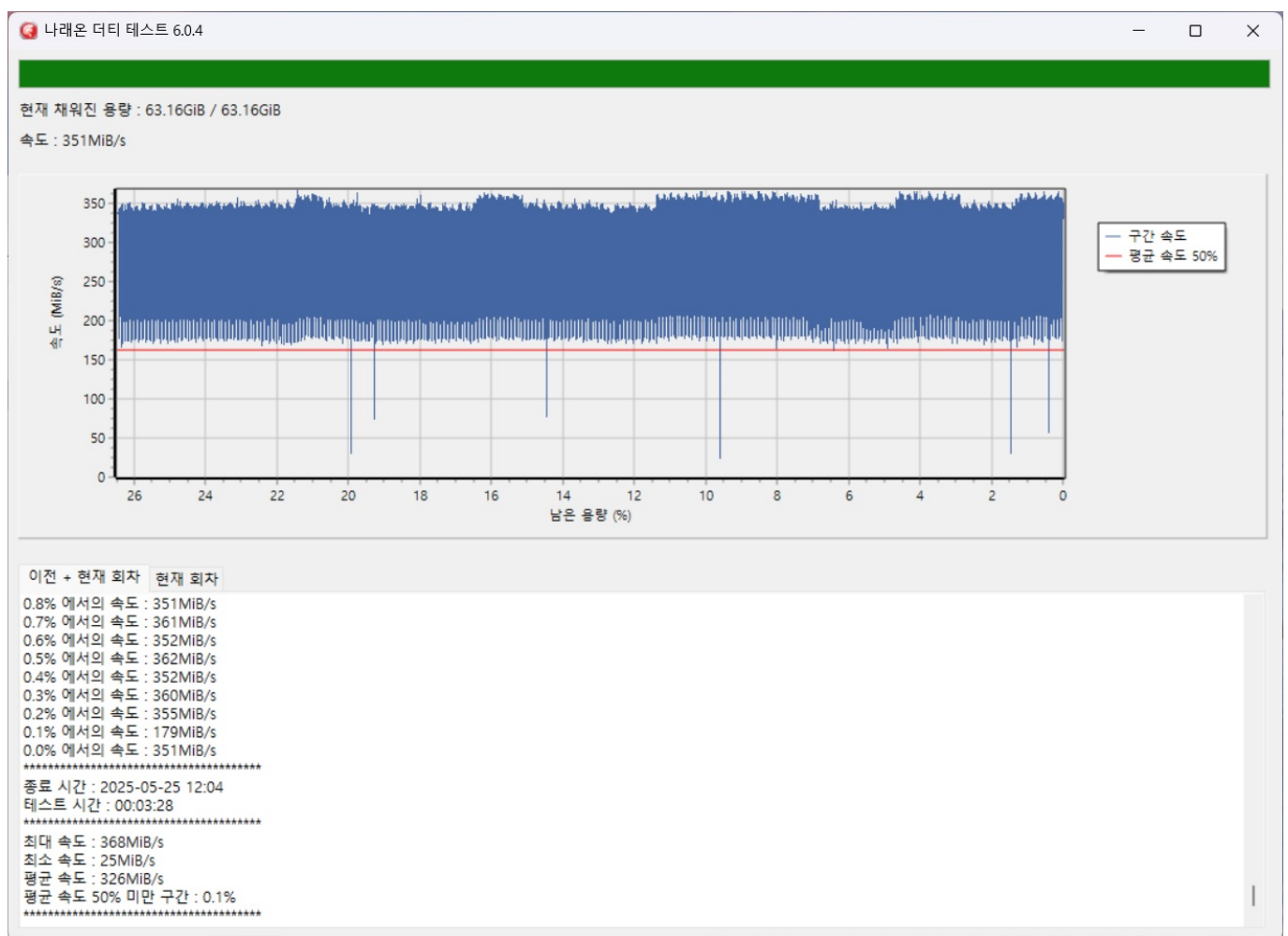
USB Device ID: VID = 174C PID = 55AA
Serial Number: 123456789037

Device Vendor: EVTRAN
Device Name: EVTRAN SSD
Device Revision: 0100

Manufacturer: ASMT
Product Model: 2115
Product Revision: 0

Controller Part-Number: Unknown





eVtran V03S 128G



Size:60*18*8mm

Weight : 11g

128GB

chipgeinus

```
Description: [H:][I:]USB (eVtran V03S)
Device Type: Mass Storage Device

Protocal Version: USB 3.00
Current Speed: High Speed
Max Current: 304mA

USB Device ID: VID = 1F75 PID = 0903
Serial Number: 0000000000000000143

Device Vendor: eVtran
Device Name: V03S
Device Revision: 0001

Manufacturer: eVtran
Product Model: V03S
Product Revision: 1.00

Controller Vendor: Innostor
Controller Part-Number: IS903-A5 - F/W 1.23.02.00
Flash ID code: 453A95937AD7 - SanDisk SDTNQGBMA-016G - 4CE/Dual Channel
[MLC-16K Toggle-DDR] -> Total Capacity = 128GB

Tools on web: http://dl.mydigit.net/special/up/innostor.html

Possible Flash Part-Number
-----
[1CE]SDTNQGBMA-016G x 4 pcs/Channel x 2 Channels

Flash ID mapping table
-----
[Channel 0] [Channel 1]
453A95937AD7 453A95937AD7
453A95937AD7 453A95937AD7
453A95937AD7 453A95937AD7
453A95937AD7 453A95937AD7
```

usbdriveinfo

```
Volume: H:
Controller: Innostor IS903 A5
```

Possible Memory Chip(s):

SanDisk SDYNQGDMM-064G *2

Memory Type: MLC

Flash ID: 453A9593 7AD7

Flash CE: 4+4

Flash Channels: Dual

Chip F/W: 1.23.02.00

VID: 1F75

PID: 0903

Manufacturer: eVtran

Product: V03S

Query Vendor ID: eVtran

Query Product ID: V03S

Query Product Revision: 1.00

Physical Disk Capacity: 127818226688 Bytes

Windows Disk Capacity: 127778291712 Bytes

Internal Tags: CW3H-QCGL

File System: EXFAT

Relative Offset: 1024 KB

USB Version: 3.00

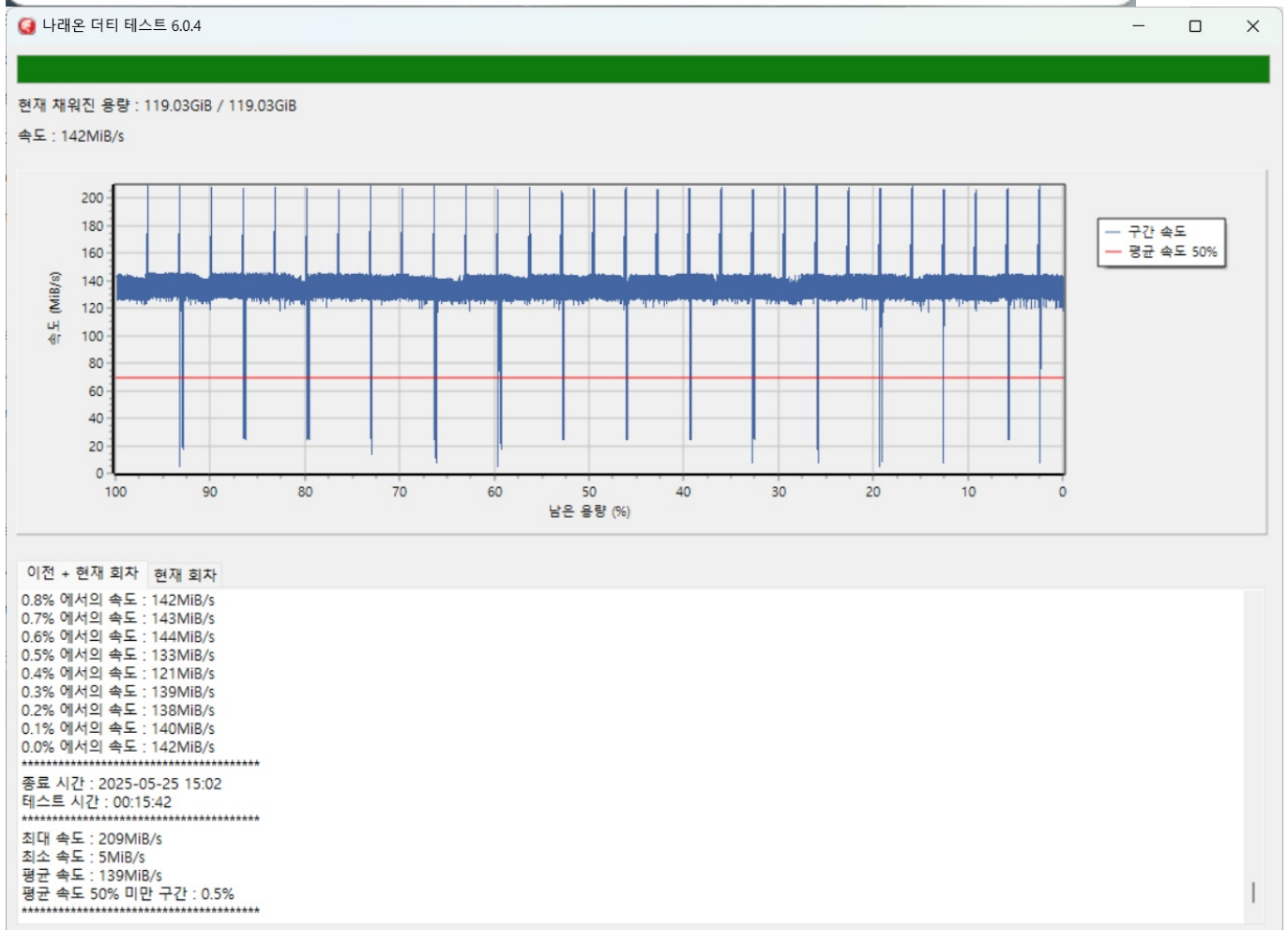
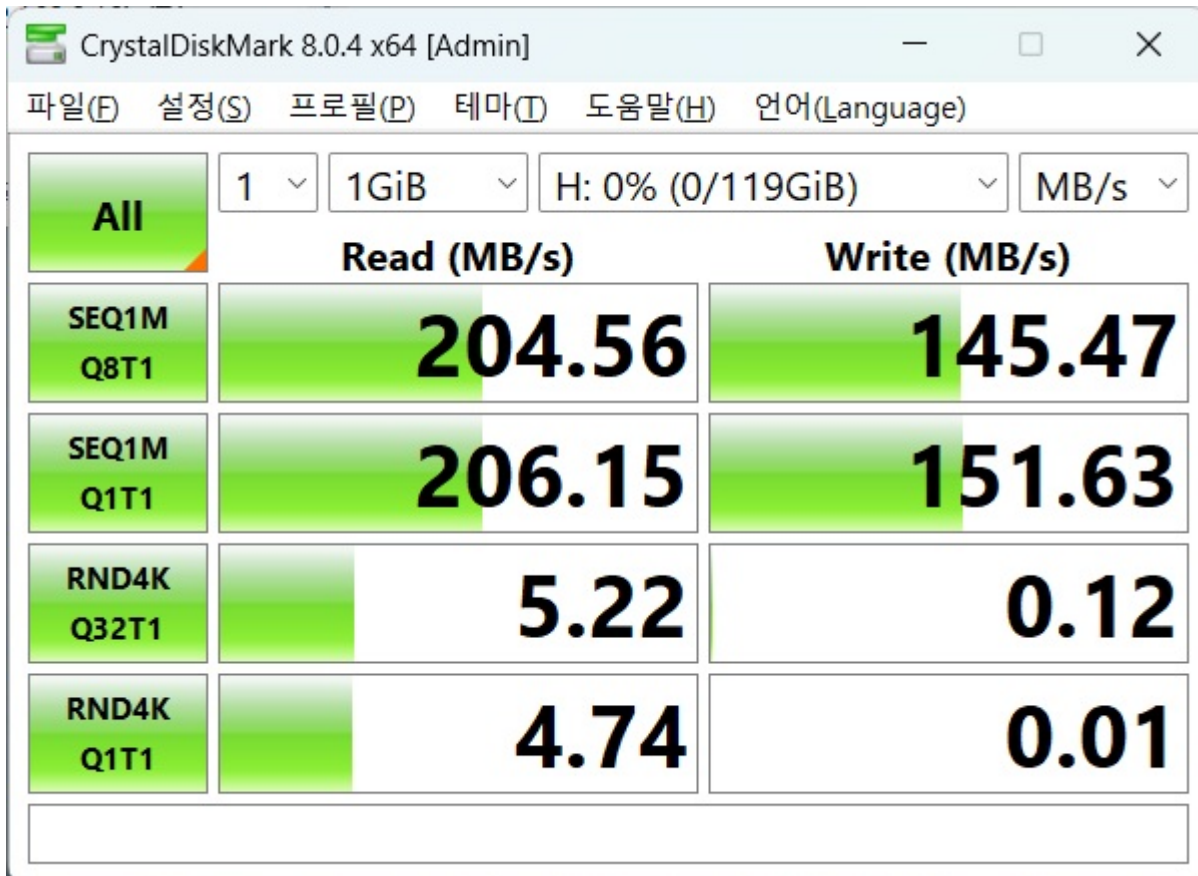
Declared Power: 304 mA

ContMeas ID: 24AC-02-00

Microsoft Windows 10 x64 Build 26100

<http://www.antspec.com/usbflashinfo/>

Program Version: 9.4.0.645



eVtran V03S SLC 3.0



8GB

chipgeinus

Description: [G:]USB (eVtran V03S SLC)
Device Type: Mass Storage Device

Protocol Version: USB 3.00
Current Speed: High Speed
Max Current: 304mA

USB Device ID: VID = 1F75 PID = 0903
Serial Number: 1037622903

Device Vendor: eVtran
Device Name: V03S SLC
Device Revision: 0001

Manufacturer: eVtran
Product Model: V03S SLC
Product Revision: 1.00

Controller Vendor: Innostor
Controller Part-Number: IS903-A5 - F/W 1.01.02.00
Flash ID code: 98D5D02276D5 - Toshiba TH58TVG5S2FTA20 - 2CE/Dual
Channel [SLC-8K Toggle-DDR] -> Total Capacity = 8GB

Tools on web: <http://dl.mydigit.net/special/up/innostor.html>

Possible Flash Part-Number

[1CE]TC58TVG4S2FTA00 x 2 pcs/Channel x 2 Channels

[2CE]TH58TVG5S2FTA20 x 1 pcs/Channel x 2 Channels

Flash ID mapping table

[Channel 0] [Channel 1]

98D5D02276D5 98D5D02276D5

98D5D02276D5 98D5D02276D5

usbdriveinfo

Volume: G:

Controller: Innostor IS903 A5

Possible Memory Chip(s):

Toshiba TH58NVG5S2FTA20 *2

Memory Type: SLC

Flash ID: 98D5D022 76D5

Flash CE: 2+2

Flash Channels: Dual

Chip F/W: 1.01.02.00

VID: 1F75

PID: 0903

Manufacturer: eVtran

Product: V03S SLC

Query Vendor ID: eVtran

Query Product ID: V03S SLC

Query Product Revision: 1.00

Physical Disk Capacity: 8258584576 Bytes

Windows Disk Capacity: 8256483328 Bytes

Internal Tags: CXXH-QCH4

File System: NTFS

Relative Offset: 1024 KB

USB Version: 3.00

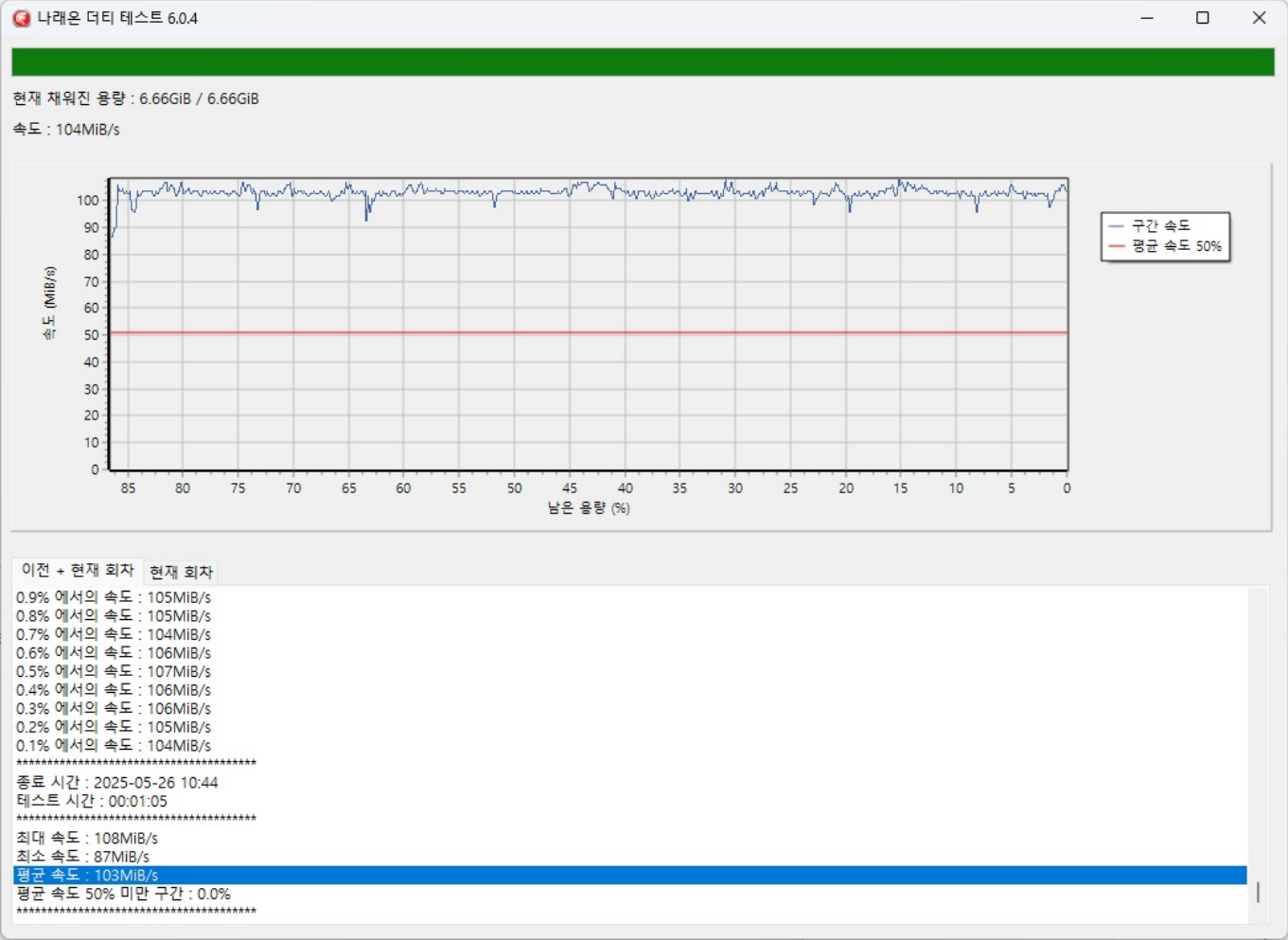
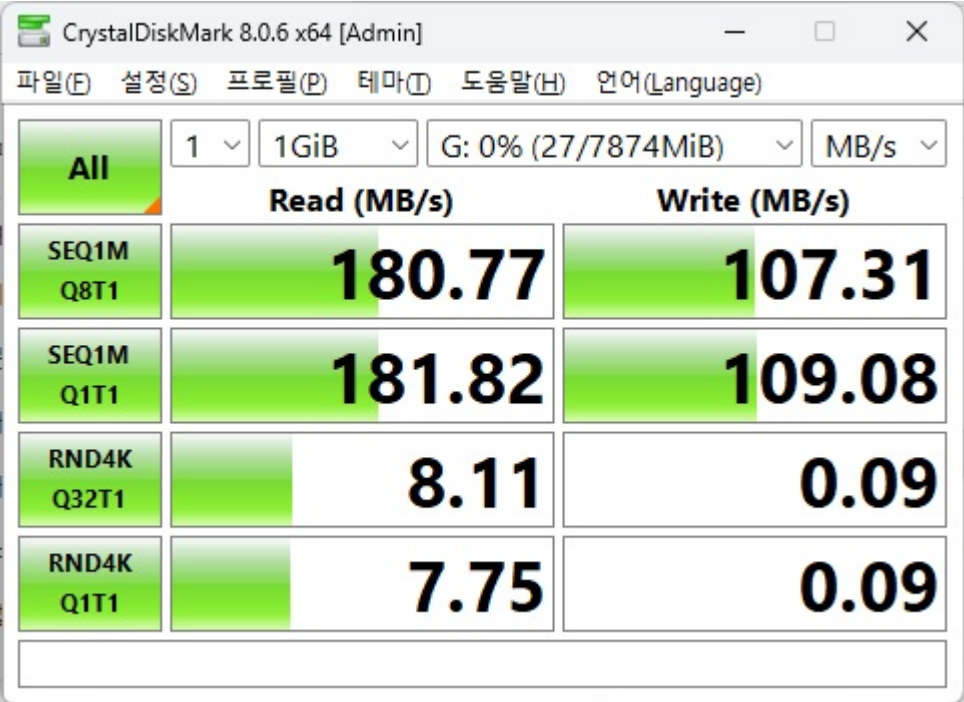
Declared Power: 304 mA

ContMeas ID: D941-02-00

Microsoft Windows 10 x64 Build 22631

<http://www.antspec.com/usbflashinfo/>

Program Version: 9.4.0.645



UX200



64GB

chipgenius

```
Description: [H:]USB (RevuAhn MLC USB 3.0)
Device Type: Mass Storage Device

Protocol Version: USB 3.00
Current Speed: High Speed
Max Current: 304mA

USB Device ID: VID = 1F75 PID = 0903
Serial Number: 000000000000000000E9

Device Vendor: RevuAhn
Device Name: RevuAhn UX200
Device Revision: 0001

Manufacturer: RevuAhn
Product Model: MLC USB 3.0
Product Revision: 1.00

Controller Vendor: Innostor
Controller Part-Number: IS903-A5 - F/W 1.23.01.00
Flash ID code: 8988244BA900 - Intel JS29F32B08JAME1 - 4CE/Dual Channel
[MLC-8K] -> Total Capacity = 64GB

Tools on web: http://dl.mydigit.net/special/up/innostor.html

Possible Flash Part-Number
-----
```

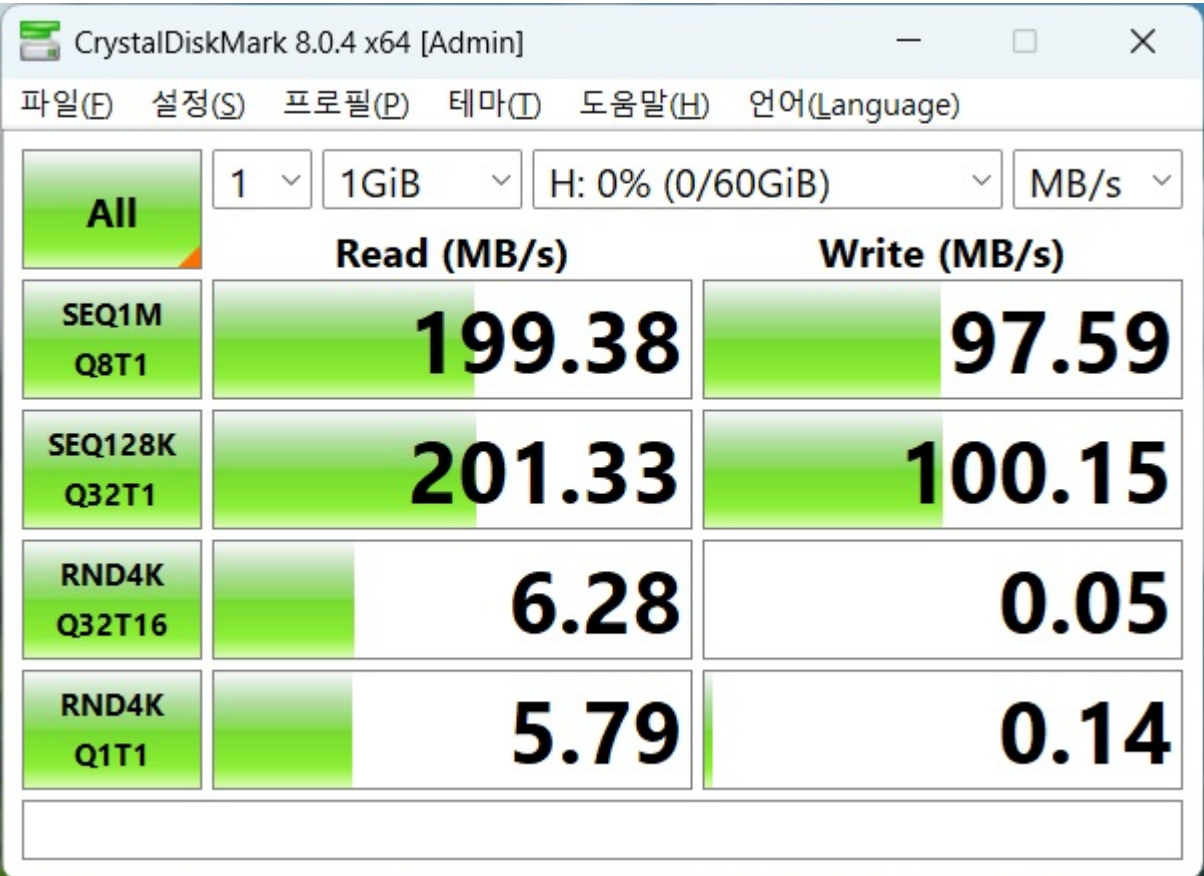
```
[1CE]JS29F64G08AAME1(25nm) x 4 pcs/Channel x 2 Channels
[2CE]JS29F16B08CAME1(25nm) x 2 pcs/Channel x 2 Channels
[4CE]JS29F32B08JAME1(25nm) x 1 pcs/Channel x 2 Channels
```

Flash ID mapping table

```
-----
[Channel 0] [Channel 1]
8988244BA900      8988244BA900
8988244BA900      8988244BA900
8988244BA900      8988244BA900
8988244BA900      8988244BA900
```

usbdriveinfo

```
Volume: H:
Controller: Innostor IS903 A5
Possible Memory Chip(s):
  Intel 29F32B08JCME2 *2
  Intel 29F32B08JCME3 *2
  Intel 29F32B16NCME1 *2
  Intel 29F32B08JAME1 *2
Memory Type: MLC
Flash ID: 8988244B A9
Flash CE: 4+4
Flash Channels: Dual
Chip F/W: 1.23.01.00
VID: 1F75
PID: 0903
Manufacturer: RevuAhn
Product: RevuAhn UX200
Query Vendor ID: RevuAhn
Query Product ID: MLC USB 3.0
Query Product Revision: 1.00
Physical Disk Capacity: 63909113344 Bytes
Windows Disk Capacity: 63904415744 Bytes
Internal Tags: CY4H-QCDL
File System: EXFAT
Relative Offset: 1024 KB
USB Version: 3.00
Declared Power: 304 mA
ContMeas ID: 24AC-03-00
Microsoft Windows 10 x64 Build 26100
-----
http://www.antspec.com/usbflashinfo/
Program Version: 9.4.0.645
```



UX300



256GB

chipgenius

Description: [F:][I:][J:]USB (ASMT 2115)
Device Type: Mass Storage Device

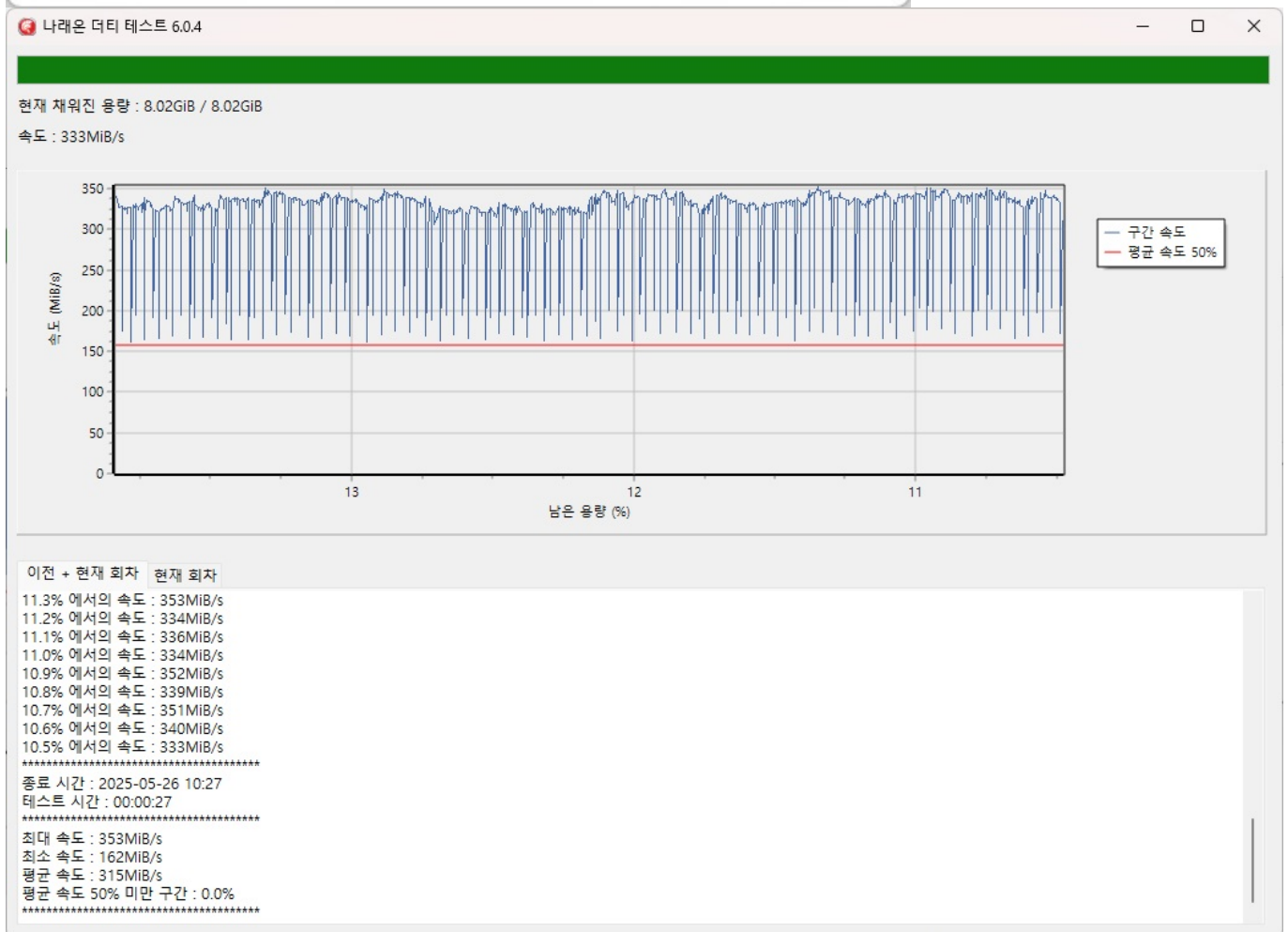
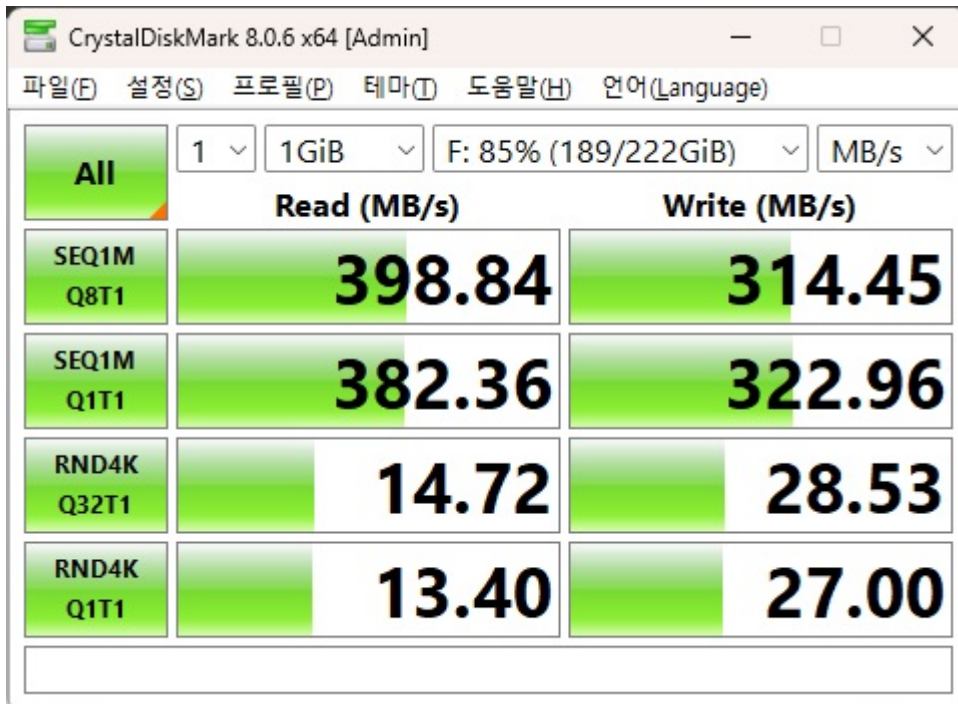
Protocal Version: USB 3.00
Current Speed: High Speed

USB Device ID: VID = 174C PID = 1153
Serial Number: 00000000000000000000

Device Vendor: ASMedia
Device Name: AS2115
Device Revision: 0001

Manufacturer: ASMT
Product Model: 2115
Product Revision: 0

Controller Part-Number: Unknown



Orico UFSD-I



512GB

chipgenius

Description: [H:][I:]USB (ORICO UFSD-I)

Device Type: Mass Storage Device

Protocal Version: USB 3.20

Current Speed: High Speed

Max Current: 896mA

USB Device ID: VID = 152D PID = 0562

Serial Number: DD56419884B94

Device Vendor: ORICO

Device Name: UFSD-I

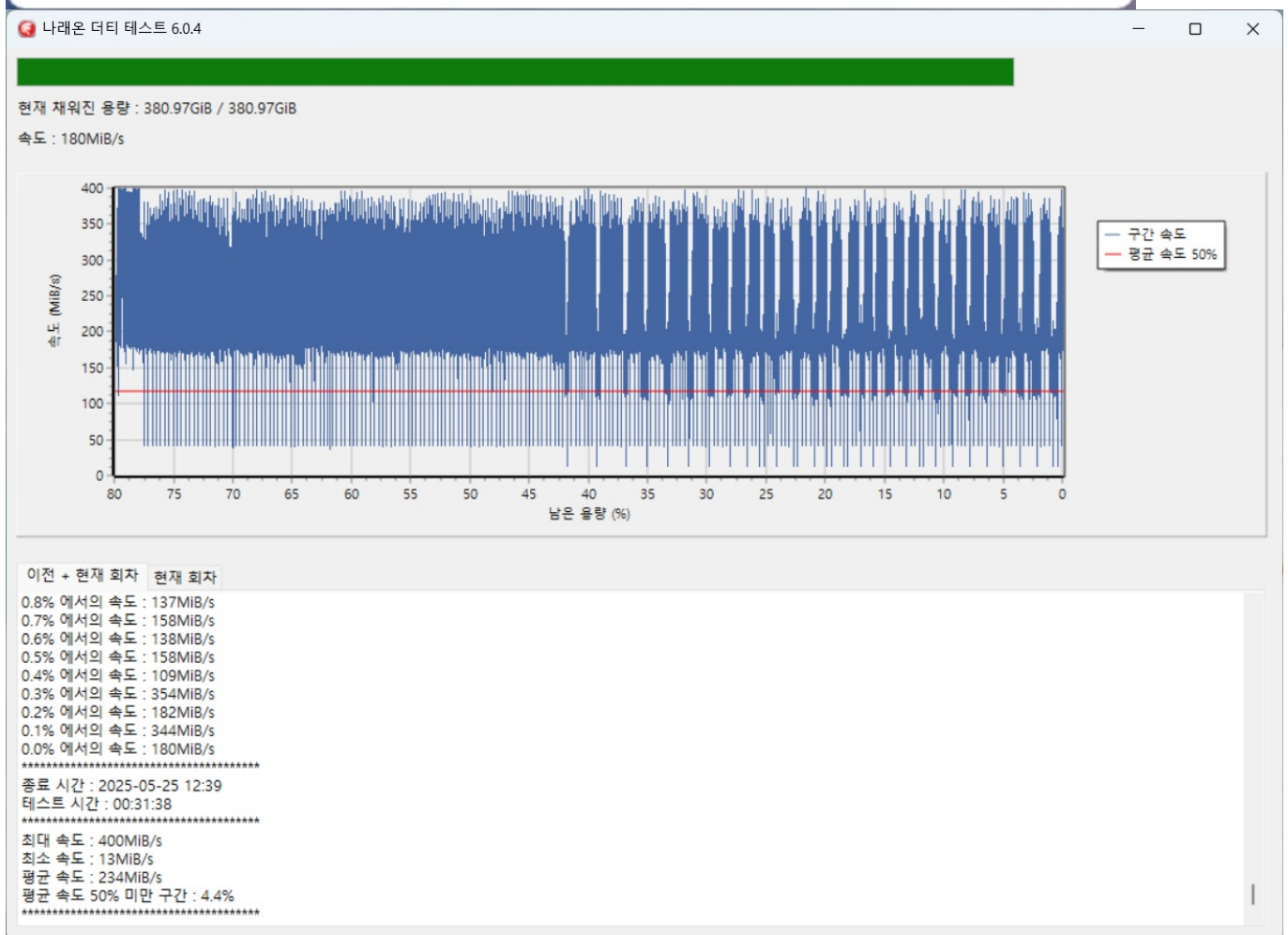
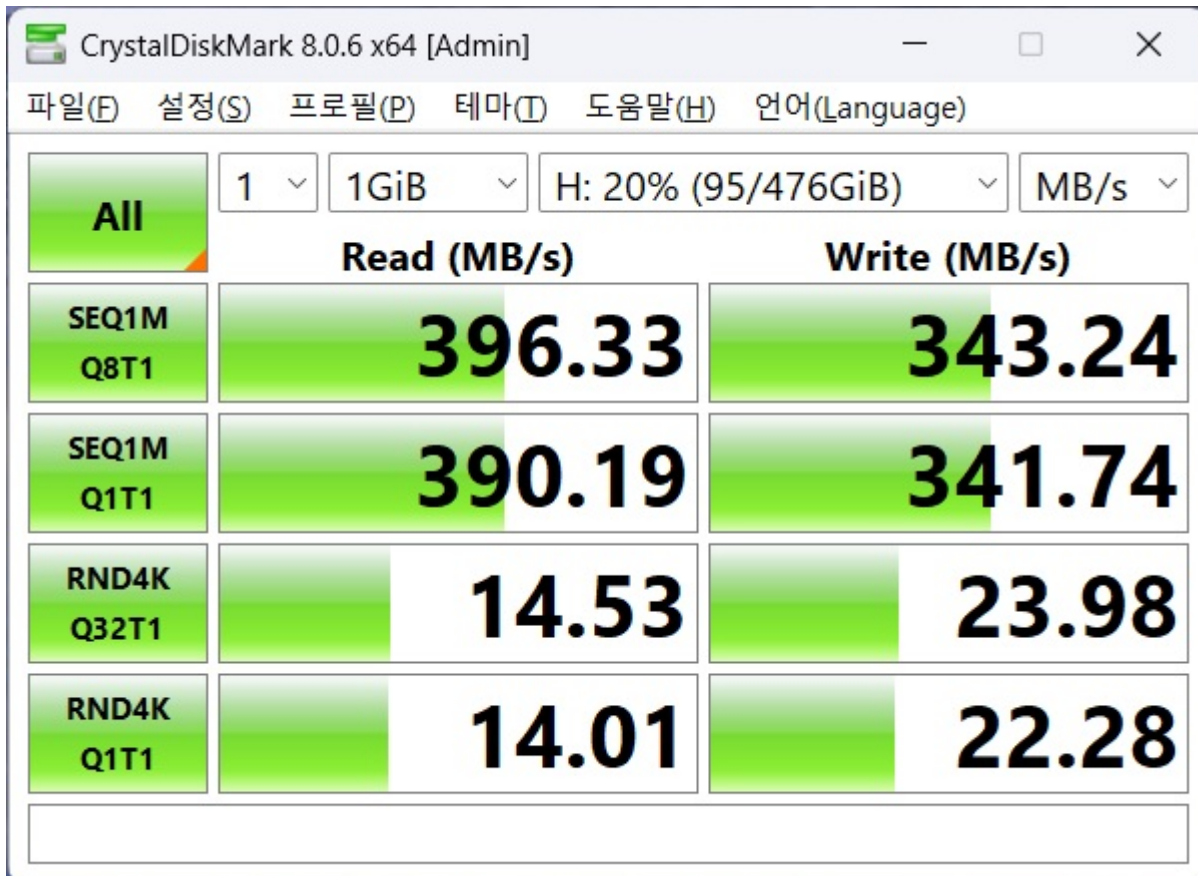
Device Revision: 0303

Manufacturer: ORICO

Product Model: UFSD-I

Product Revision: 0303

Controller Part-Number: Unknown



SONIZOON PSSD USB3.1



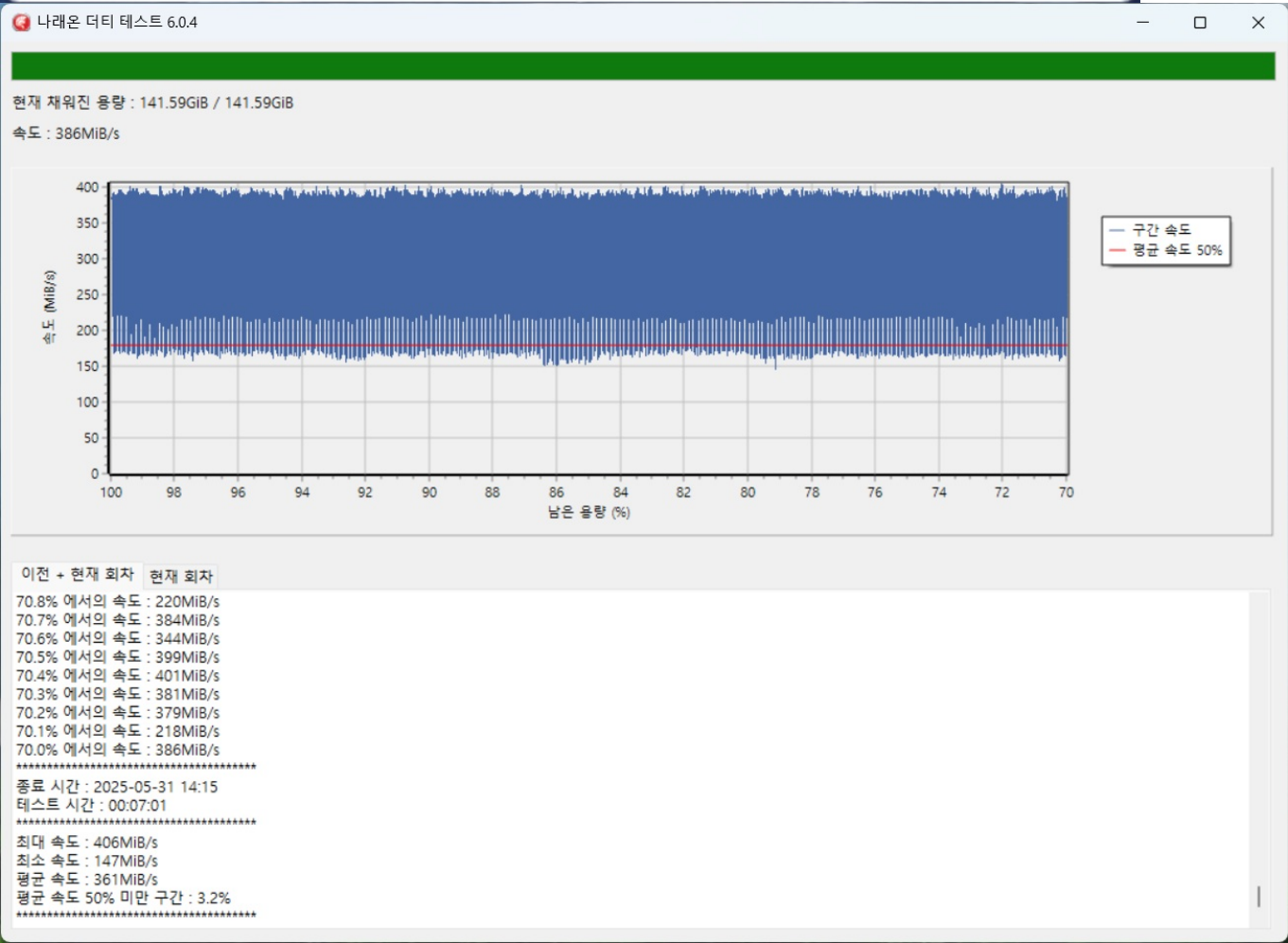
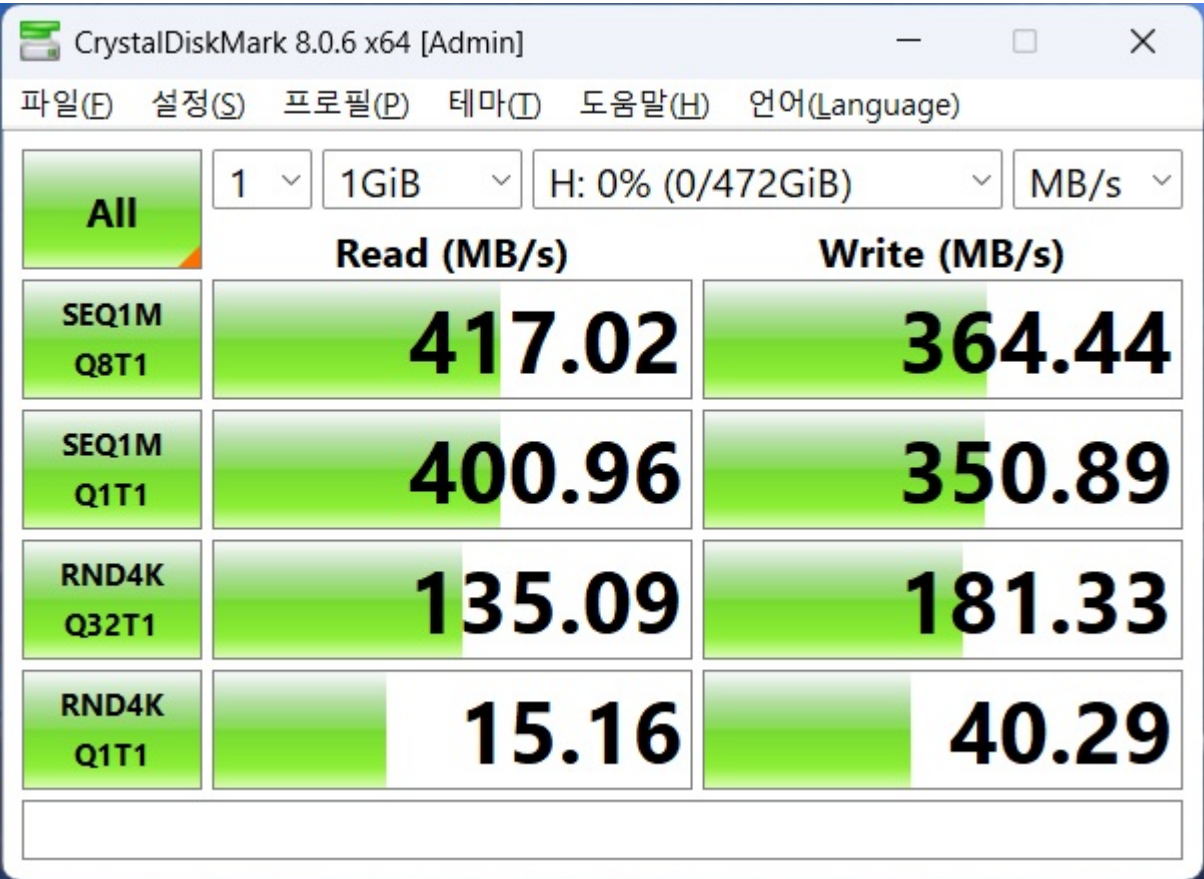
512GB

chipgenius

Description: [H:]UAS(USB Attached SCSI) USB3.1)	(SONIZOON M.Pssd
Device Type: Mass Storage Device	
Protocal Version: USB 3.10	
Current Speed: High Speed	
USB Device ID: VID = 174C PID = 55AA	
Serial Number: MSFT30SEZ223846CM0001183	
Device Vendor: SONIZOON	
Device Name: M.Pssd USB3.1	
Device Revision: 0100	
Manufacturer: SONIZOON	
Product Model: M.Pssd USB3.1	
Product Revision: 0	
Controller Part-Number: Unknown	

smiflashid

```
v0.5681a
Drive: 5(USB)
OS: 10.0 build 26100
Model: SONIZ00N
Fw   : S0128A
Size : 483328 MB [506.8 GB]
From smart : [SMI2246XT] [2019-01-28\]
Controller : SM2246XT bufferless
Bank00: 0x98,0x3e,0xa6,0x93,0x7e,0xd1,0x8,0x0 - Toshiba 15nm MLC 16k
512Gb/CE 128Gb/die 2Plane/die
Bank01: 0x98,0x3e,0xa6,0x93,0x7e,0xd1,0x8,0x0 - Toshiba 15nm MLC 16k
512Gb/CE 128Gb/die 2Plane/die
Bank02: 0x98,0x3e,0xa6,0x93,0x7e,0xd1,0x8,0x0 - Toshiba 15nm MLC 16k
512Gb/CE 128Gb/die 2Plane/die
Bank03: 0x98,0x3e,0xa6,0x93,0x7e,0xd1,0x8,0x0 - Toshiba 15nm MLC 16k
512Gb/CE 128Gb/die 2Plane/die
Bank04: 0x98,0x3e,0xa6,0x93,0x7e,0xd1,0x8,0x0 - Toshiba 15nm MLC 16k
512Gb/CE 128Gb/die 2Plane/die
Bank05: 0x98,0x3e,0xa6,0x93,0x7e,0xd1,0x8,0x0 - Toshiba 15nm MLC 16k
512Gb/CE 128Gb/die 2Plane/die
Bank06: 0x98,0x3e,0xa6,0x93,0x7e,0xd1,0x8,0x0 - Toshiba 15nm MLC 16k
512Gb/CE 128Gb/die 2Plane/die
Bank07: 0x98,0x3e,0xa6,0x93,0x7e,0xd1,0x8,0x0 - Toshiba 15nm MLC 16k
512Gb/CE 128Gb/die 2Plane/die
Bank26: 0x0,0x66,0x68,0x0,0x2,0x0,0x0,0x66 -
Bank27: 0x68,0x8,0x0,0x0,0x0,0x66,0x53,0x66 -
Bank28: 0x53,0x66,0x55,0x66,0x68,0x0,0x0,0x0 -
Bank29: 0x0,0x66,0x68,0x0,0x7c,0x0,0x0,0x66 -
Bank30: 0x61,0x68,0x0,0x0,0x7,0xcd,0x1a,0x5a -
Bank31: 0x32,0xf6,0xea,0x0,0x7c,0x0,0x0,0xcd -
Channel: 4
CE      : 2
TotDie  : 16
Plane   : 4
Die/Ce  : 4
Ch map  : 0x0F
CE map  : 0x03
Inter.  : 4
First Fblock : 11
Total Fblock : 2126
Total Hblock : 7552
Fblock Per Ce : 1063
Fblock Per Die: 1063
Original Spare Block Count : 138
Vendor Marked Bad Block   : 0
Bad Block From Pretest    : 92
```



TeamGroup X1 MAX



512GB

chipgenius

Description: [H:]UAS(USB Attached SCSI) (General USSD)
Device Type: Mass Storage Device

Protocol Version: USB 3.20
Current Speed: High Speed
Max Current: 896mA

USB Device ID: VID = 8644 PID = 10D1
Serial Number: MSFT30AA00000000000000000015

Device Vendor: General
Device Name: USSD
Device Revision: 0100

Manufacturer: General
Product Model: USSD
Product Revision: 1000

Controller Part-Number: Unknown

CrystalDiskMark 8.0.6 x64 [Admin]

파일(F) 설정(S) 프로필(P) 테마(T) 도움말(H) 언어(Language)

All

1

1GiB

H: 0% (0/477GiB)

MB/s

	Read (MB/s)	Write (MB/s)
SEQ1M Q8T1	435.58	433.75
SEQ1M Q1T1	417.23	421.76
RND4K Q32T1	186.18	224.35
RND4K Q1T1	23.61	73.89

나래온 데이터 테스트 6.0.4

현재 채워진 용량 : 142.97GiB / 142.97GiB

속도 : 424MiB/s

구간 속도
평균 속도 50%

이전 + 현재 회차

현재 회차

70.8% 에서의 속도 : 423MiB/s
70.7% 에서의 속도 : 425MiB/s
70.6% 에서의 속도 : 99MiB/s
70.5% 에서의 속도 : 395MiB/s
70.4% 에서의 속도 : 113MiB/s
70.3% 에서의 속도 : 425MiB/s
70.2% 에서의 속도 : 117MiB/s
70.1% 에서의 속도 : 424MiB/s
70.0% 에서의 속도 : 424MiB/s

종료 시간 : 2025-06-07 10:53
테스트 시간 : 00:07:23

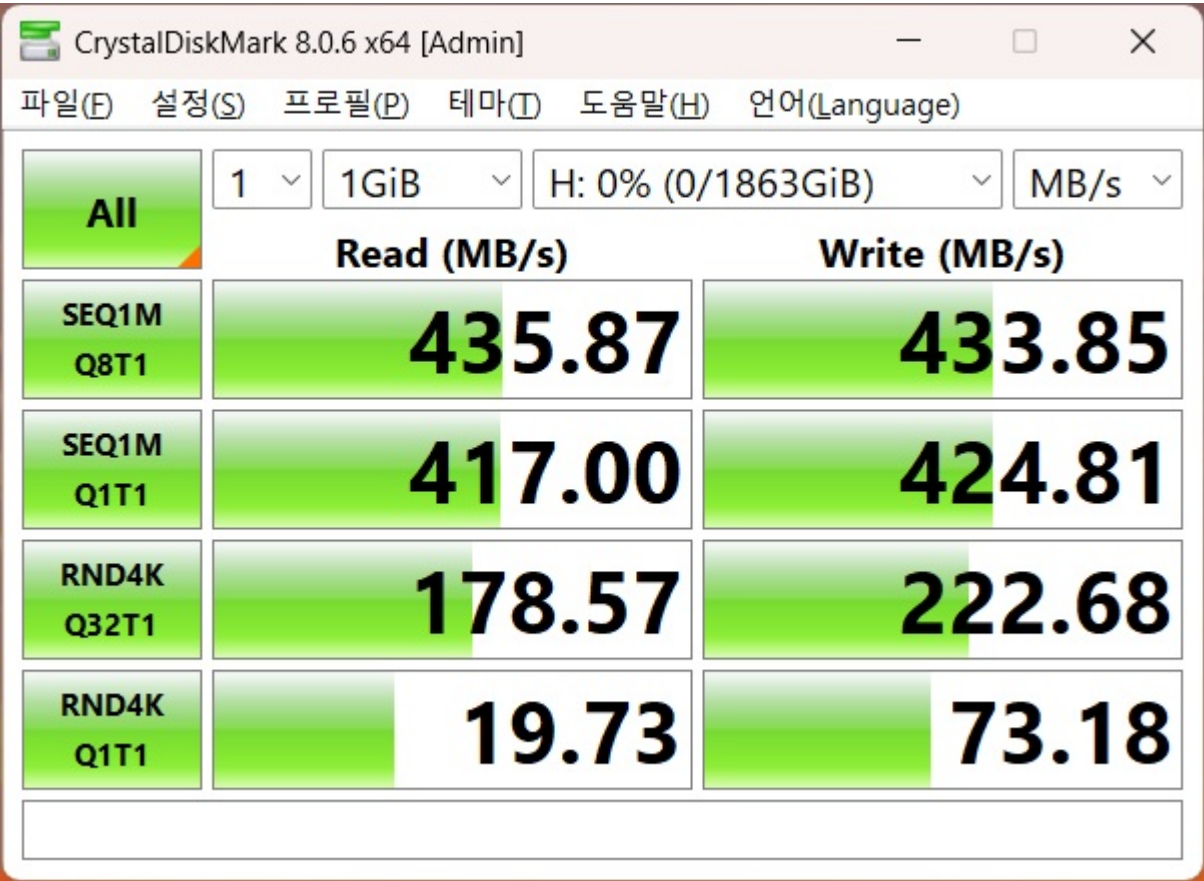
최대 속도 : 426MiB/s
최소 속도 : 44MiB/s
평균 속도 : 380MiB/s
평균 속도 50% 미만 구간 : 7.5%

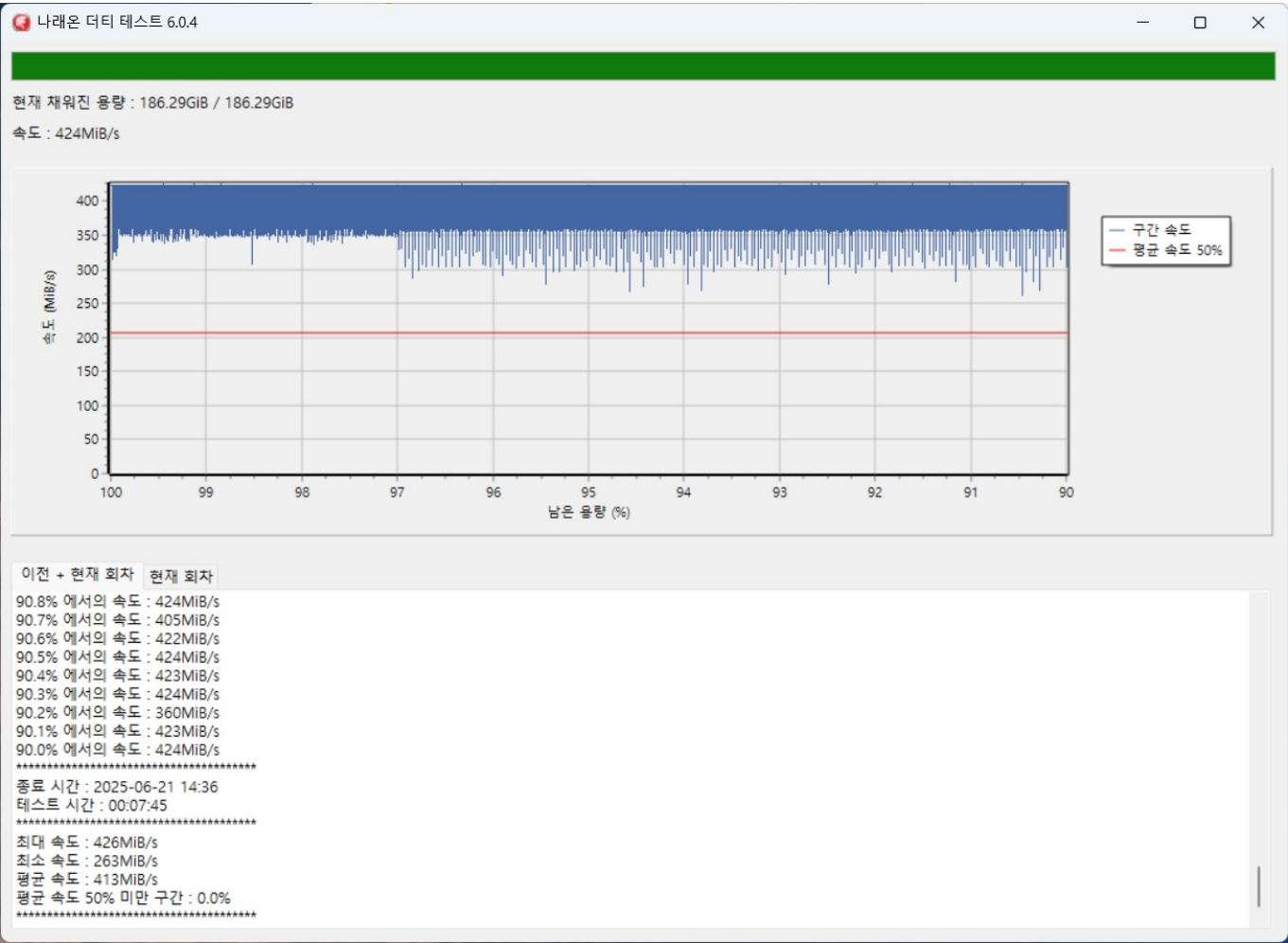
MOVESPEED SP20

[movespeed_sp20.jpg_direct](#)

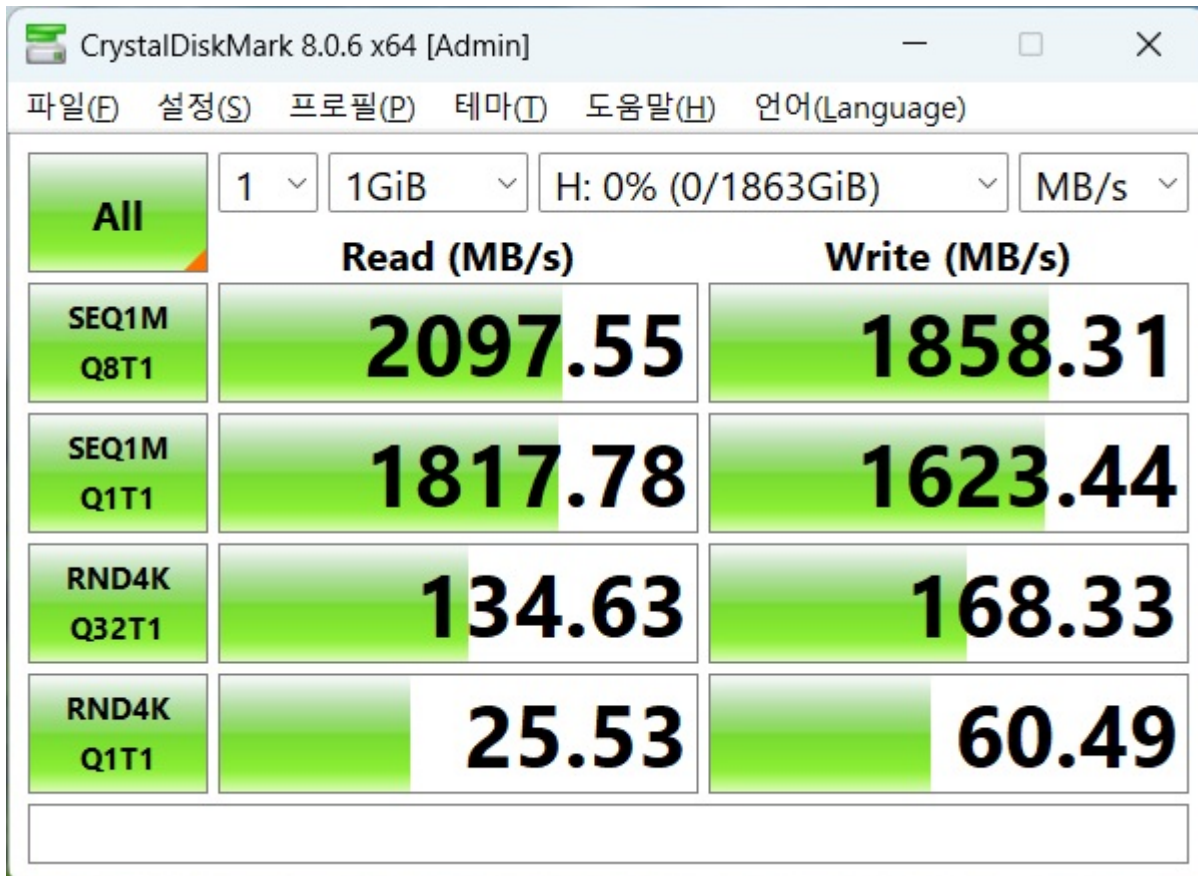
2TB

USB-A





USB-C



- <https://www.usbdev.ru/files/chipgenius/> v4.19.1225
chipgenius_v4_19_1225.zip
- <https://www.usbdev.ru/files/smi/smiflashid/> v0.5681a
smi_flash_id-v0.5681a.rar
- <http://www.antspec.com/usbflashinfo/> :
usbdriveinfo.zip

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Last update: **2025/06/21 07:02**

