

microSD Card

PRO Ultimate | PRO Plus | EVO Plus



Built for where life takes you








As a world leader in flash memory technology, Samsung brings memory card solutions that match your storage needs. Reliable performance, excellent compatibility, and multi-proof durability make these cards the perfect choice for smartphones, tablets, action camera, drone, handheld game consoles and more.

Key Advantages

| | | | | |
|---|---|---|---|---|
|  |  |  |  |  |
| Video Quality | App performance | Capacity | Durability | Warranty |
| Capture seamless 4K UHD videos & transfer faster | Faster app and game performance with A2 | Available from 64GB to 1TB | 6-proof protection for peace of mind | 10-year limited warranty |

* 1TB : PRO Plus, EVO Plus

Compatible Devices

| | | | | | | | |
|---|---|---|---|---|---|---|------|
|  |  |  |  |  |  |  | etc. |
| Mobile phone | Tablet | Action Camera | Drone | 360° Camera | Laptop | Handheld Game Console | |

Capacity by Media type



PRO Ultimate

| | 4K UHD Video ¹⁾ | FULL HD Video ²⁾ | 4K UHD Photos ³⁾ | FULL HD Photos ⁴⁾ |
|-------|----------------------------|-----------------------------|-----------------------------|------------------------------|
| 512GB | 30 Hrs | 80.5 Hrs | 207,159 Photos | 270,108 Photos |
| 256GB | 15 Hrs | 40 Hrs | 103,566 Photos | 135,036 Photos |
| 128GB | 7.5 Hrs | 20 Hrs | 51,783 Photos | 67,518 Photos |

* Test Device : Galaxy Note 20 Ultra 5G

1) 4K Video (3840*2160) 30fps (Video size 30Min 7.93 GB) 2) FHD Video (1920*1080) 30fps (Video size 30Min 2.95 GB) 3) Image 4000*3000 (Avg Pic size 2.36 MB)

4) Image 4000*1868 (Avg Pic size 1.81 MB)

PRO Plus

| | 4K UHD Video ¹⁾ | FULL HD Video ²⁾ | 4K UHD Photos ³⁾ | FULL HD Photos ⁴⁾ |
|-------|----------------------------|-----------------------------|-----------------------------|------------------------------|
| 1TB | 47.1 Hrs | 159.7 Hrs | 437,298 Photos | 654,480 Photos |
| 512GB | 23.6 Hrs | 80 Hrs | 208,738 Photos | 299,661 Photos |
| 256GB | 11.8 Hrs | 40 Hrs | 100,714 Photos | 154,896 Photos |
| 128GB | 5.9 Hrs | 20 Hrs | 51,633 Photos | 79,644 Photos |

* Test Device : Samsung Galaxy Note 20 Ultra for microSD Products

1) 4K UHD Video (3,840*2,160) 30fps (Avg. Video size 30Min 10.25 GB) 2) Full HD Video (1,920*1,080) 30fps (Avg. Video size 30Min 2.98 GB)

3) 4K UHD Image 4,000*3,000 (Avg. Picture size 2.33 MB) 4) Full HD Image 4,000*1,868 (Avg. Picture size 1.56 MB)

EVO Plus

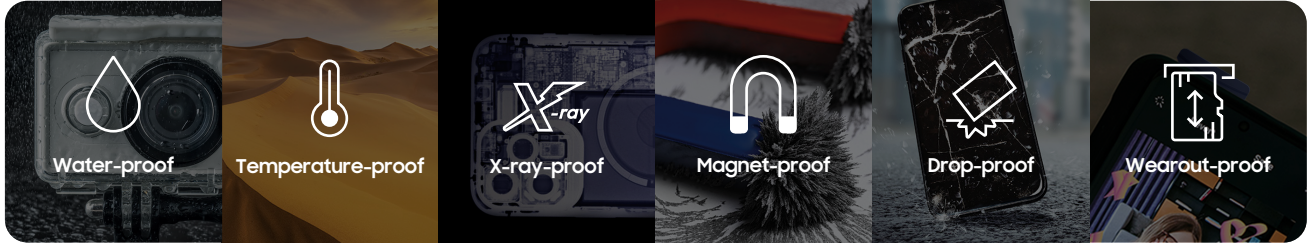
| | 4K UHD Video ¹⁾ | FULL HD Video ²⁾ | 4K UHD Photos ³⁾ | FULL HD Photos ⁴⁾ |
|-------|----------------------------|-----------------------------|-----------------------------|------------------------------|
| 1TB | 47.1 Hrs | 158.7 Hrs | 427,708 Photos | 654,480 Photos |
| 512GB | 23.6 Hrs | 80 Hrs | 201,007 Photos | 307,200 Photos |
| 256GB | 11.8 Hrs | 40 Hrs | 101,550 Photos | 150,144 Photos |
| 128GB | 5.9 Hrs | 19.9 Hrs | 50,553 Photos | 75,686 Photos |
| 64GB | 2.7 Hrs | 9.8 Hrs | 25,149 Photos | 38,925 Photos |

* Test Device : Samsung Galaxy Note 20 Ultra for microSD Products

1) 4K UHD Video (3,840*2,160) 30fps (Avg. Video size 30Min 10.09 GB) 2) Full HD Video (1,920*1,080) 30fps (Avg. Video size 30Min 2.98 GB)

3) 4K UHD Image 4,000*3,000 (Avg. Picture size 2.39 MB) 4) Full HD Image 4,000*1,868 (Avg. Picture size 1.58 MB)

6-proof Durability



1) Water-proof: withstand up to 72 hours in 1 meter depth seawater 2) Temperature-proof: operating temperatures of -25 C to 85 C; non-operating temperatures of -40 C to 85 C
 3) X-Ray-proof: up to 100mGy, equal to airport X-ray machines 4) Magnetic-proof: up to 15,000 gauss, or the magnetic field equivalent of a high-field MRI 5) Drop-proof: withstand drops up to 5 meters (16.4 feet)
 6) Wearout-proof: up to 10,000 swipes * Proofs are for the microSD card and are not applicable to the adaptor or reader.

Specifications

| Line up | SAMSUNG 512GB PRO Ultimate PRO Ultimate U3, V30, A2 | | | SAMSUNG 1TB PRO Plus PRO Plus U3, V30, A2 | | | | SAMSUNG 1TB EVO Plus EVO Plus U3, V30, A2 | | | | |
|----------------------------|--|-------|-------|--|-------|-------|-------|--|-------|----------------------|-------|------|
| Capacity ¹⁾ | 512GB | 256GB | 128GB | 1TB | 512GB | 256GB | 128GB | 1TB | 512GB | 256GB | 128GB | 64GB |
| Form factor | microSDXC™ | | | | | | | | | | | |
| Interface | UHS-I (SDR104) | | | | | | | | | | | |
| Read speeds ²⁾ | Up to 200 MB/s | | | Up to 180 MB/s | | | | Up to 160 MB/s transfer speeds | | | | |
| Write speeds ²⁾ | Up to 130 MB/s | | | Up to 130 MB/s | | | | | | | | |
| Speed Class | U3, V30, A2, Class 10 | | | U3, V30, A2, Class 10 | | | | U3, V30, A2, Class 10 | | U1, V10, A1 Class 10 | | |
| Certification | CE(UKCA)/FCC/VCCI/RCM | | | | | | | | | | | |
| Warranty ³⁾ | Limited 10-year warranty | | | | | | | | | | | |

1) 1GB = 1,000,000,000 bytes. Actual storage capacity may vary. 2) The foregoing read & write speeds are demonstrated by internal test conducted under certain controlled conditions, and actual speeds may vary depending upon usage and other conditions. For products incompatible with UHS-I interface, the speeds may vary subject to different interface conditions. 3) Warranty does not extend to dashcam, CCTV, surveillance camera and other write-intensive uses. Warranty for SD adapter and reader is limited to 1 year.

* Samsung is not liable for any i) damages and/or loss of data or ii) expenses incurred from memory card data recovery.