JinYu Semiconductor

Micro SD Memory Card

Reliability and durability solutions

Serving Applications


Surveillance


Automotive electronics


Rail traffic


Medical


Industrial automation


Transportation


Drone

Highlights

- Operating Temperature Range: -25°C~85°C and Storage Temperature Range: -40°C~85°C
- High Endurance
- Support health status meter to ensure timely preventative maintenance
- Advanced memory management FW features auto read refresh, ECC, bad block management Smart GC and wear leveling.
- Sudden-Power-Loss safeguard
- Stable sustained performance
- Durable design: water proof, shock proof, X-ray proof and magnet proof
- Operating voltage: 2.7V~3.6V

Specifications

Part Number	Capacity	Spec	VDD	Topr
HTF002G3U1	2GB	C10,U1	2.7V-3.6V	-25°C~85°C
HTF004G3U1	4GB	C10,U1		
HTF008G3U1	8GB	C10,U1		
HTF016G3U1	16GB	C10,U1		
HTF032G3U1	32GB	C10,U1		
HTF004G3U2	4GB	U2		
HTF008G3U2	8GB	U2		
HTF016G3U2	16GB	U2		
HTF032G3U2	32GB	U2		
HTF004G3U3	4GB	U3		
HTF008G3U3	8GB	U3		
HTF016G3U3	16GB	U3		
HTF032G3U3	32GB	U3		
HTF064G3U3	64GB	U3		
HTF128G3U3	128GB	U3		
HTF256G3U3	256GB	U3		
HTF512G3U3	512GB	U3		
HTF001T3U3	1TB	U3		

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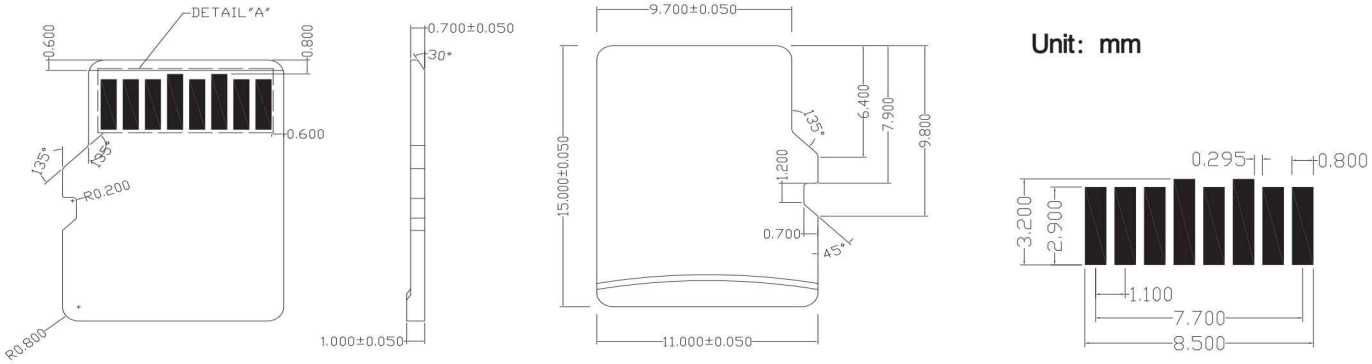
HTsemi Canvas Go! Plus SD card is designed for adventurers, delivering lightning-fast read speeds up to 200MB/s and write speeds up to 160MB/s[1] for effortless 4K UHD video capture and burst-mode photography. Backed by U3 and V30 ratings, it guarantees smooth and reliable performance, empowering you to focus on every exciting moment without compromise.

- Superior transfer speeds of up
- Ideal for shooting 4K UHD video and burst-mode photography on your DSLR
- U3 & V30 to 100MB/s[1] speed rating

Specifications

Part Numbers Micro SD Card

Capacities	4/8/16/32/64/128/256/512GB
Chip Standard/Speed	Class 10, UHS-1, U1,A1,U3,A2
Performance[1]	Up to 110/90MB/s read/write
Dimensions	15mm x 11mm x 0.95mm
Format	FAT32/exFAT
Operating temperature	-25°C~85°C
Storage temperature	-40°C~85°C
Voltage	2.7 - 3.6V
Warranty/support	1 Years



BOTTEM VIEW SIDE VIEW TOP VIEW DETAIL A

1. Based on internal testing; performance will vary based on host device. Engineered with proprietary technology to reach read speeds beyond UHS 100MB/s specification. Write speed may be lower for some capacities.

2. IEC/EN 60529 IPX7 certified for protection against continual water submersion for up to 30 minutes and a depth of up to 1m. Withstands temperatu range from -25°C to 85°C. Protected against X-ray exposure based on ISO7816-1 guidelines.

3. Some of the listed capacity on a Flash storage device is used for formatting and other functions and thus is not available for data storage. As suc the actual available capacity for data storage is less than what is listed on the product. For more information go to htsemi.net.