

PS3016-P9 Compact Flash Card (Reference Design)

Phison's PS3016-P9 Compact Flash Card is designed as ideal storage solutions especially for camcorders and DSLR cameras. PS3016-P9 Compact Flash Card is compliant with both CompactFlash Specification Revision 6.x and UDMA7 high-speed interface. Featuring a wide range of capacity, high read/write performance, low power consumption, as well as Video Performance Guarantee (VPG-20), PS3016-P9 Compact Flash Card can meet the demanding needs in the memory card market.



Product Specification

Capacity	4GB ~ 128GB
Host Interface	PCMCIA/IDE interface CompactFlash Specification Ver 3.x, 4.x, 5.x and 6.x PC Card Standard Release 8.0
Flash Interface	Flash Type: SLC, MLC, Pseudo SLC 4KB/8KB/16KB per page NAND flash
Performance*	Read: up to 110 MB/s Write: up to 80 MB/s
Power Consumption*	Active mode: < 945 mW Idle mode: < 5 mW
MTBF	More than 1,000,000 hours
Advanced Flash Management	Static and Dynamic Wear Leveling, Bad Block Management, Firmware Update
Operating Voltage	3.3V and 5V
Operating Temperature	0°C ~ 70°C
Storage Temperature	-40°C ~ 85°C

* Performance and Power Consumption may differ according to flash type, flash configuration, SDR configuration, and platform.