

HERMIT Series

Industrial (Rugged Metal) PCMCIA ATA Card




Product features


CF Industrial CompactFlash Card	✖	✖
CFast Industrial CFast Card	✖	✖
ATA Industrial PCMCIA ATA Card	✖	✖
MIF Industrial micro IDE Flash Module	✖	✖
MSF Industrial micro SATA Flash Module	✖	✖
MUM Industrial micro USB Flash Module	✖	✖
MPM Industrial mini PCIe Flash Module	✖	✖
MSM Industrial mini SATA Flash Module	✖	✖
SSD Industrial Solid State Disk	✖	✖
UFD Industrial Rugged Metal USB Flash Disk	✖	✖
SD Industrial SD & SDHC Memory Card	✖	✖
AD Industrial Adapter Card-Drive	✖	✖

Operating temperature supports Standard grade 0°C ~ 70°C and Industrial grade -40°C ~ +85°C

Part number list - Industrial PCMCIA ATA card with standard plastic frame kit

Product picture	Capacity	0°C ~ 70°C	-40°C ~ +85°C
	32MB	SPAFC032M-HACSCN-UF	WPAFC032M-HAISIN-UF
	128MB	SPAFC128M-HACSCN-UF	WPAFC128M-HAISIN-UF
	512MB	SPAFC512M-HACSCN-UF	WPAFC512M-HAISIN-UF
	2GB	SPAFC002G-HACSCN-UF	WPAFC002G-HAISIN-UF
	8GB	SPAFC008G-HACSCN-UF	WPAFC008G-HAISIN-UF

Part number list - Industrial PCMCIA ATA card with rugged metal frame kit

Product picture	Capacity	0°C ~ 70°C	-40°C ~ +85°C
	32MB	SRAFC032M-HACSCN-UF	WRAFC032M-HAISIN-UF
	128MB	SRAFC128M-HACSCN-UF	WRAFC128M-HAISIN-UF
	512MB	SRAFC512M-HACSCN-UF	WRAFC512M-HAISIN-UF
	2GB	SRAFC002G-HACSCN-UF	WRAFC002G-HAISIN-UF
	8GB	SRAFC008G-HACSCN-UF	WRAFC008G-HAISIN-UF

Remarks: The optional data-transfer modes and disk types are:

PF: optional as PIO-4 mode / Fixed disk type

PR: optional as PIO-4 mode / Removable disk type

PA: optional as PIO-4 mode / Fixed disk & Removable disk type auto-detection

UR: optional as UDMA-4 mode / Removable disk type

UA: optional as UDMA-4 mode / Fixed disk & Removable disk type auto-detection

AF: optional as UDMA & PIO mode auto-detection / Fixed disk type

AR: optional as UDMA & PIO mode auto-detection / Removable disk type

AA: optional as UDMA & PIO mode auto-detection / Fixed disk & Removable disk type auto-detection

CF

Industrial CompactFlash Card

CFast

Industrial CFast Card

ATA

Industrial PCMCIA ATA Card

MIF

Industrial micro IDE Flash Module

MSE

Industrial micro SATA Flash Module

MUM

Industrial micro USB Flash Module

MPM

Industrial mini PCIe Flash Module

MSM

Industrial mini SATA Flash Module

SSD

Industrial Solid State Disk

UED

Industrial Rugged Metal USB Flash Disk

SD

Industrial SD & SDHC Memory Card

AD

Industrial Adapter Card-Drive

Part number decoder

X1 X2 X3 X4 X5 X6 X7 X8 X9 — X11 X12 X13 X14 X15 X16 — Z1 Z2 — C

Example

S P A F C 0 0 8 G — H A C S C N — U F — C

X1 ➤ **Grade**

S : Standard grade operating temp. 0° C ~ 70 ° C
W : Industrial grade operating temp. -40° C ~ +85 ° C

X2 ➤ **The material of frame kit**

P : Plastic frame kit
R : Rugged metal frame kit

X3 X4 X5 ➤ **Product category**

AFC : PCMCIA ATA flash card

X6 X7 X8 X9 ➤ **Capacity**

016M : 16MB **001G** : 1GB
032M : 32MB **002G** : 2GB
064M : 64MB **004G** : 4GB
128M : 128MB **008G** : 8GB
256M : 256MB **016G** : 16GB
512M : 512MB

X11 ➤ **Controller**

H : Hyperstone (HERMIT Series)

Z1 Z2 ➤ **Data transfer rate and disk types**

PF: optional as PIO-4 mode / Fixed disk type
 PR: optional as PIO-4 mode / Removable disk type
 PA: optional as PIO-4 mode / Fixed disk & Removable disk type auto-detection
UF: defaulted as UDMA-4 mode / Fixed disk type
 UR: optional as UDMA-4 mode / Removable disk type
 UA: optional as UDMA-4 mode / Fixed disk & Removable disk type auto-detection
 AF: optional as UDMA & PIO mode auto-detection / Fixed disk type
 AR: optional as UDMA & PIO mode auto-detection / Removable disk type
 AA: optional as UDMA & PIO mode auto-detection / Fixed disk & Removable disk type auto-detection

X12 ➤ **Controller version**

A,B,C.....

X13 ➤ **Controller grade**

C : Commercial grade
I : Industrial grade

X14 ➤ **Flash IC**

S : Samsung SLC-NAND Flash IC

X15 ➤ **Flash IC grade**

C : Commercial grade
I : Industrial grade

X16 ➤ **New generation Flash IC**

N : Samsung New generation Flash IC

C ➤ **Reserved for specific requirement**

C : Conformal-coating