

Featured Technologies for Medical Devices



CoreSnapshot

Full backup and recovery of SSD data can be performed in 1 second, which can instantly eliminate catastrophic system issues and prevent data damage or downtime from translating into operational risks and losses.



ESD Protection

Excellent electrostatic protection which has passed the test conditions of IEC 61000-4-2. Provides a high standard of protection for electromagnetic susceptibility (EMS) that meets the medical equipment standard EN60601-1-2.



Data Integrity

- · End-to-end Data Protection
- Smart Read Refresh™



· Bidirectional Security

- Identification
- · Signed Firmware
- · TCG Opal 2.0



- · Conformal Coating
- · ESD Protection SLC-liteX



Longevity

- · CoreSnapshot · SSDWidget 2.0
- Fixed BOM · 6+6 PCN/EOL Policy

Technology

Recommended Industrial SSD solutions

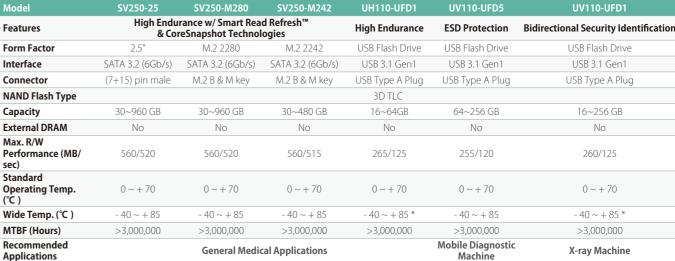












* Not supported on 16GB















	THE R. L.	9408	SHIPS.	-			-	
Model	PV210-M280	PV220-M280	PV910-M280	SH250-M242	CH710-CF	CH110-SD	CV110-SD	
Features	High Performance, High Capacity		Signed Firmware	High Endur (Rea	High Endurance			
Form Factor	M.2 2280	M.2 2280	M.2 2280	M.2 2242	CompactFlash Type I	SDHC/SDXC	SDHC/SDXC	
Interface	PCIe Gen3 x4	PCIe Gen3 x4	PCle Gen3 x2	SATA 3.2 (6Gb/s)	PC Card Memory Mode; PC Card I/O Mode; True IDE Mode	SD 4.0	SD 4.0	
Connector	M.2 M Key	M.2 M Key	M.2 B & M key	M.2 B & M key	50-pin	-	-	
NAND Flash Type				3D TLC				
Capacity	240~1920 GB	120~1920 GB	120~960 GB	10~160 GB	8~64 GB	8~64 GB	32~256 GB	
External DRAM	Yes	No	No	No	No	-	-	
Max. R/W Performance (MB/sec)	3100/2630	1695/1685	1775/1295	560/520	115/80	95/80	90/34	
Standard Operating Temp. (°C)	0~+70	0~+70	0~+70	0~+70	0~+70	-25 ~ + 85	-25 ~ + 85	
Wide Temp. (°C)	- 40 ~ + 85	- 40 ~ + 85	- 40 ~ + 85	- 40 ~ + 85	- 40 ~ + 85	- 40 ~ + 85	- 40 ~ + 85	
MTBF (Hours)	>3,000,000	>3,000,000	>3,000,000	>3,000,000	>1,000,000	>3,000,000	>3,000,000	
Recommended	Computer Tomography, Precise Diagnostic Equipment			Ultrasound	Respirator, ECG			

Recommended Industrial DRAM Solutions

	- Marie 1800	District Street St.	NOW YEAR	- 105-119		- 200 c Cd				
Module Type	SODIMM	RDIMM	ECC UDIMM	ECC SODIMM	VLP ECC UDIMM	VLP ECC SODIMM				
Memory Technology	DDR4									
Frequency	2133/2400/2666/2933/3200									
Density	2GB/4GB/ 8GB/16GB/32GB	4GB/8GB/ 16GB/B32GB/64GB	4GB/8GB/ 16GB/32GB	4GB/8GB/ 16GB/32GB	4GB/8GB 16GB/32GB	4GB/8GB				
Voltage	1.2v	1.2v	1.2v	1.2v	1.2v	1.2v				
Pin Count	260-Pin	288-Pin	288-Pin	260-Pin	288-Pin	260-Pin				
Width	64-Bit	72-Bit	72-Bit	72-Bit	72-Bit	72-Bit				
PCB Height	1.18"	1.23"	1.23"	1.18"	0.738"	0.7"				
Operation Temperature. (℃)	TC = 0 ~ + 85	TC = 0 ~ + 85	TC = 0 ~ + 85	TC = 0 ~ + 85	TC = 0 ~ + 85	TC = 0 ~ + 85				
Value-added	V X F	<u>∓</u> 30μ <u>¥</u>	<u>I</u> 30μ <u>½</u>	30u 🖳	<u>1</u> 30μ <u>√</u>	<u>I</u> 30μ <u>V</u>				