

M.2 SSD

Model		IM2P3388	IM2S3338	IM2S3326E	IM2S3334
Interface		M.2 2280	M.2 2280	M.2 2260	M.2 2242
Capacity		128GB~1TB	128GB~1TB	32GB~512GB	120GB~512GB
Operating Voltage		3.3V	3.3V	3.3V	3.3V
Flash Type		3D MLC	3D TLC	MLC	3D MLC
Sequential Read (max.)		2500MB/s	560MB/s	520MB/s	560MB/s
Sequential Write (max.)		1100MB/s	520MB/s	370MB/s	525MB/s
Data Transfer Mode		PCIe Gen3x4	SATA III 6.0Gbps	SATA III 6.0Gbps	SATA III 6.0Gbps
Operating Temperature	Commercial	-10°C to +80°C	-10°C to +80°C	-10°C to +80°C	-10°C to +80°C
	Industrial	-40°C to +90°C	-40°C to +90°C	-40°C to +90°C	-40°C to +90°C
Operating Humidity		0°C to +55°C 5%~95% RH non-condensing	0°C to +55°C 5%~95% RH non-condensing	0°C to +55°C 5%~95% RH non-condensing	0°C to +55°C 5%~95% RH non-condensing
Power Consumption (max.)		4.8W	4W	1.6W	2.7W
MTBF		>2,000,000 hrs	>2,000,000 hrs	>1,500,000 hrs	>2,000,000 hrs
Vibration Resistance		20G (10~2000Hz)	20G (10~2000Hz)	20G (10~2000Hz)	20G (10~2000Hz)
Shock Resistance		1500G/0.5ms, Half Sine Wave	1500G/0.5ms, Half Sine Wave	1500G/0.5ms, Half Sine Wave	1500G/0.5ms, Half Sine Wave
Dimensions (L x W x H)		80 x 22 x 3.5mm	80 x 22 x 3.5mm	60 x 22 x 3.5mm	42 x 22 x 3.5mm
S.M.A.R.T.		Supported	Supported	Supported	Supported
Write Protect		—	—	—	—
Quick Erase		—	—	—	—
H/W PLP Function		—	—	—	—
A+ SLC Mode		—	—	Supported	—
Features		<ul style="list-style-type: none"> · PCIe Gen3x4 · Supports NVMe 1.2 · Supports LDPC ECC Engine · Supports SLC Cache & DRAM Buffer · Supports Data Shaping for increased data reliability 	<ul style="list-style-type: none"> · Controller: SMI · Supports LDPC ECC Engine · Supports SLC Cache & DRAM Buffer · Supports RAID Engine & Data Shaping 	<ul style="list-style-type: none"> · Controller: SMI Solution · Supports Data Shaping for increased data reliability 	<ul style="list-style-type: none"> · Supports 3D MLC for Large Capacity · Supports LDPC ECC Engine · Supports SLC Cache & DRAM Buffer · NCQ Command set supported · Trim Command s supported · DEVSLP supported · Wear Leveling function · H/W Power Detector and Flash Protection
Applications		Interactive Device, Medical Application, Personal Computing			