

eMMC/eUSB

Model		eMMC		eUSB
Interface		153/169 Ball FBGA	153 Ball FBGA	60 Pin LGA
		eMMC 4.5	eMMC 5.0	Compatible with USB 2.0 and 3.0
		0.5mm Ball Pitch	0.5/1mm Ball Pitch	1.0mm Ball pitch
Capacity		4GB~64GB	8GB~64GB	16GB~64GB
Operating Voltage		VCCQ 2.7~3.6; 1.7~1.95; 1.1~1.3 VCC 2.7~3.6	VCCQ 2.7~3.6; 1.7~1.95 VCC 2.7~3.6	VCC 4.5~5.5
Flash Type		MLC	MLC	MLC
Sequential Read (max.)		145MB/s	140MB/s	104MB/s
Sequential Write (max.)		45MB/s	80MB/s	60MB/s
Operating Temperature	Commercial	0°C to +70°C	0°C to +70°C	0°C to +70°C
	Industrial	-25°C to +85°C	-25°C to +85°C	-25°C to +85°C
Storage Temperature		-40°C to +85°C	-40°C to +85°C	-40°C to +85°C
Power Consumption (max.)		0.13W	0.72W	1.0W
Error Correcting Code		72bit/1KB	72bit/1KB	72bit/1KB
Dimensions (L x W x H)		169 Ball: 12 x 16 x 1.2mm (max) 169 Ball: 14 x 18 x 1.4mm (max)	153 Ball: 11.5 x 13 x 1.4mm (max)	14 x 18 x 1.4mm (max)
Features		Micro-integration solution to reduce circuit interconnections and boost performance · Low power consumption		· Large capacity and high speed · Excellent reliability and longevity · Superior-quality Flash · Great for diverse applications
Applications		POS System, Advanced Mobile device, Smartphones, Tablet PC, Smart Digital TV, Multimedia Player, In-vehicle Infotainment and GPS System.		TPC, POS, Network Appliance, IPC/BOX PC, Gaming, Medical, Interactive Device and etc.