

Embedded PCIe Specifications

	M.2 NVMe SSD	M.2 NVMe SSD (HMB)
Interface	Gen3x2 NVMe	Gen3x2 NVMe
DRAM	DDR3/DDR3L	N/A
Channel	4	4
ECC	StrongECC	StrongECC
Flash	3D NAND/15nm MLC	3D NAND/15nm MLC
AES	Support	Support
Capacity	Up to 2TB	Up to 1TB
Form Factor	M.2 2280, 2.5" SSD	BGA SSD, M.2 2242 (TBD)
Performance*	Seq R/W: 1600/1100 MB/s Ran R/W: 240K/210K IOPS	Seq R/W: 1600/1000 MB/s Ran R/W: 120K/110K IOPS
Features	E2EDPP RAID ECC L1.2	E2EDPP RAID ECC HMB L1.2
Security	Pyrite/AES256/OPAL	Pyrite/AES256/OPAL

*Based on TSB BiCS3