

	Parallel P-SRAM	SERIAL P-SRAM
Density Options	16Mb, 64Mb, 1Gb, 4Gb	16Mb, 1Gb, 2Gb, 4Gb, 8Gb
Interface & Timing	Standard parallel interface, 45ns x16 (16/64Mb), x32 (1/4Gb)	Serial Peripheral Interface 54MHz DDR/108MHz SDR Quad SPI
Technology	Incorporates STT-MRAM technology - Byte Addressable, No Delay Writes	
Data Endurance	10 ¹⁶ write, unlimited read cycles	
Data Retention	10 years at 125°C	
Low Power	10mA per 1Gb (active)	
Non-volatile	No battery or capacitor required	
Reliable	Multibit error correction embedded, no wear leveling required, Hardware & Software Data Protection	
Space Grade	Soft Error Immune, Plastic Packaging	