

Intel E 5410s 2.5" 80 GB Serial ATA III MLC



Brand : Intel

Product code: SSDSC2BB080G6XA

Product name : E 5410s

SSD E 5410s Series (80GB, 2.5in SATA 6Gb/s, 16nm, MLC)

[Intel E 5410s 2.5" 80 GB Serial ATA III MLC:](#)



Built-in Reliability

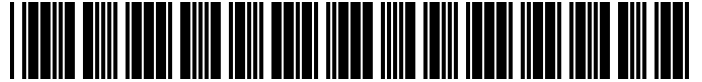
Experience the exceptional performance of the Intel® Solid State Drive E 5410s series. Available in 80 GB and 120 GB, the Intel® SSD E 5410s offers excellent durability, lasting integrity, security, and performance across a variety of embedded and IoT applications. Armed with power loss imminent (PLI) technology, the Intel SSD E 5410s significantly reduces the possibility of losing data during a power loss event. The Intel SSD E 5410s also delivers consistent performance, as well as proven end-to-end data protection.

Intel E 5410s. SSD capacity: 80 GB, SSD form factor: 2.5", Read speed: 375 MB/s, Write speed: 110 MB/s, Data transfer rate: 6 Gbit/s

Features		Brand-specific features	
Security algorithms	256-bit AES	Intel Smart Response Technology version	0.00
SSD form factor *	2.5"	Operational conditions	
SSD capacity *	80 GB	Operating temperature (T-T)	0 - 70 °C
Interface *	Serial ATA III	Storage temperature (T-T)	-55 - 95 °C
Memory type *	MLC	Operating relative humidity (H-H)	5 - 95%
Data transfer rate	6 Gbit/s	Storage relative humidity (H-H)	5 - 95%
Read speed	375 MB/s	Operating vibration	2.17 G
Write speed	110 MB/s	Non-operating vibration	3.13 G
Random read (100% span)	68000 IOPS	Operating shock	1000 G
Random write (100% span)	8400 IOPS	Non-operating shock	1000 G
Read latency	55 µs	Technical details	
Write latency	66 µs	Sustainability certificates	RoHS
Lithography	16 nm	Weight & dimensions	
End-to-End Data Protection	✓	Height	7 mm
Enhanced Power Loss Data Protection technology	✓	Other features	
SSD temperature monitoring	✓	Product colour	Grey
Uncorrectable Bit Error Rate (UBER)	< 1 per 10 ¹⁷ bits read	Internal	✓
Mean time between failures (MTBF)	2000000 h	Drive capacity	80 GB
TBW rating	45	Launch date	Q1'16
Market segment	Mobile	SSD endurance rating	45 TBW
SSD usage tag	Embedded	SSD hardware encryption	AES 256 bit
SSD ARK ID	94604	SSD power consumption (active)	1.91 W
Certification	UL, CE, RCM Mark, BSMI, KCC, Microsoft WHCK, VCCI, SATA-IO	SSD power consumption (idle)	600mW
Power		SSD shock	1000G/0.5 msec
Power consumption (read)	1.91 W	SSD weight	88 g
Power consumption (write)	1.91 W	Sequential reading	375 MB/s
Power consumption (idle)	0.6 W	Sequential writing speed	110 MB/s
Brand-specific features		Status	Launched
Intel High Endurance Technology (HET)	✗	Last change	63903513
Intel® Rapid Start Technology	✗	Intel Rapid Start Technology version	0.00
Intel® Smart Response Technology	✗	Product family	Embedded SSDs
		Product series	Intel® SSD E 5410s Series
		Product codename	Haleyville



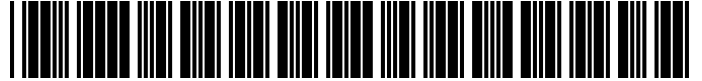
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