ComX Computers
Product Specification Sheet

SA400S37/960G

Kingston A400 960GB 2.5" SATA3 7mm 6Gb/s Solid State Drive

Product Overview

Kingston A400 960GB 2.5" SATA3 7mm 6Gb/s Solid State Drive, Up to 500MB/s read speed, Up to 450MB/s write speed



Specifications

Overview:

A400 SATA SSD in 2.5" and M.2 Form Factors
Kingstons A400 solid-state drive dramatically improves the responsiveness of your existing system with incredible boot, loading and transfer times compared to mechanical hard drives. Powered by a latest-gen controller for read and write speeds of up to 500MB/s and 450MB/s, this SSD is 10x faster than a traditional hard drive for higher performance, ultra-responsive multi-tasking and an overall faster system. Also more reliable and durable than a hard drive, A400 is available in multiple capacities from 120GB-1.92TB .

Features:

- Fast start-up, loading and file transfers
- More reliable and durable than a hard drive
- Multiple capacities with space for applications or a hard drive replacement

Specifications:

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Specifications	
Product Code	SA400S37/960G
Form factor	2.5" & M.2 2280
Interface	SATA Rev. 3.0 (6Gb/s) - with backwards compatibility to SATA Rev. 2.0 (3Gb/s)
Capacities	120GB, 240GB, 480GB, 960GB, 1.92TB
NAND	3D

Data Transfer (ATTO)	120GB - up to 500MB/s Read and 320MB/s Write
	240GB - up to 500MB/s Read and 350MB/s Write
	480GB - up to 500MB/s Read and 450MB/s Write
	960GB - up to 500MB/s Read and 450MB/s Write
	1.92TB - up to 500MB/s Read and 450MB/s Write
Power Consumption	0.195W Idle / 0.279W Avg / 0.642W (MAX) Read / 1.535W (MAX) Write
Storage temperature	-40 degreesC~85 degreesC
Operating temperature	0 degreesC~70 degreesC
Dimensions	100.0mm x 69.9mm x 7.0mm (2.5")
	80mm x 22mm x 1.35mm (M.2)
Weight	39g (120GB - 2.5")
	41g (240-480GB - 2.5")
	41.9g (960GB - 2.5")
	5.5g (120GB - M.2)
	6.7g (240GB - M.2)
	5.5g (480GB - M.2)
Vibration operating	2.17G Peak (7-800Hz)
Vibration non-operating	20G Peak (10-2000Hz)
Life expectancy	1 million hours MTBF
Total Bytes Written (TBW)	120GB: 40TB
	240GB: 80TB
	480GB: 160TB
	960GB: 300TB
	1.92TB: 600TB

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx.co.za/SA400S37-960G-Kingston-A400-960GB-2-5-SATA3-7mm-6Gb-s-Solid-State-Drive-p-253838.php

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