

Kingston A400 - SSD - 480 GB - SATA 6Gb/s



SKU	SA400S37/480G
Product Description:	Kingston A400 - SSD - 480 GB - SATA 6Gb/s
Type:	Solid state drive - internal
Capacity:	480 GB
NAND Flash Memory Type:	Triple-level cell (TLC)
Form Factor:	2.5"
Interface:	SATA 6Gb/s
Data Transfer Rate:	600 MBps

General

Device Type:	Solid state drive - internal
Capacity:	480 GB
NAND Flash Memory Type:	Triple-level cell (TLC)
Form Factor:	2.5"
Interface:	SATA 6Gb/s
Width:	69.9 mm
Depth:	100 mm
Height:	7 mm
Weight:	41 g

Performance

Drive Transfer Rate:	600 MBps (external)
Internal Data Rate:	500 MBps (read) / 450 MBps (write)

Reliability

MTBF:	1,000,000 hours
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Environmental Parameters

Min Operating Temperature:	0 °C
Max Operating Temperature:	70 °C
Min Storage Temperature:	-40 °C
Max Storage Temperature:	85 °C
Vibration Tolerance (operating):	2.17 g @ 7-800 Hz
Vibration Tolerance (non-operating):	20 g @ 10-2000 Hz

Manufacturer Warranty

Service & Support:	Limited warranty - 3 years
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Miscellaneous

Compliant Standards:	ISO 9001, SGS
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Power

Power Consumption:	0.195 Watt (idle) ; 0.279 Watt (average) ; 0.642 Watt (read) ; 1.535 Watt (write)
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Expansion & Connectivity

Interfaces:	1 x SATA 6 Gb/s - 7 pin Serial ATA
Compatible Bay:	2.5"