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Samsung 830 Series MZ-7PC256D/EU

Solid state drive, 256 GB, internal, 2.5", SATA-600



The Samsung SSD 830 Series boasts superior random read speeds and faster sequential read and write speeds. It's the ideal solution for your everyday computing needs, such as web browsing, document creation, viewing or editing multimedia files, playing PC games, etc.

General information

	Samsung
Category	Hard Drives
Article number	102270
	MZ-7PC256D/EU

Technical specifications

Product Description	Samsung 830 Series MZ-7PC256D/EU - solid state drive - 256 GB - SATA-600
Type	Solid state drive - internal
Capacity	256 GB
Form Factor	2.5"
Interface	Serial ATA-600
Data Transfer Rate	600 MBps
Interface Type	Serial ATA-600
Features	TRIM support , S.M.A.R.T.
Dimensions (WxDxH)	7 cm x 10 cm x 7 mm
Weight	63 g

Manufacturer Warranty	3 years warranty
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More detailed technical specifications

General

Device Type	Solid state drive - internal
Capacity	256 GB
Form Factor	2.5"
Interface	Serial ATA-600
Features	TRIM support , S.M.A.R.T.
Width	7 cm
Depth	10 cm
Height	7 mm
Weight	63 g

Hard Drive

Form Factor	2.5"
Capacity	256 GB
Interface Type	Serial ATA-600
Features	TRIM support
Compliant Standards	S.M.A.R.T.

Performance

Drive Transfer Rate	600 MBps (external)
Internal Data Rate	520 MBps (read) / 400 MBps (write)
4KB Random Read	80000 IOPS
4KB Random Write	36000 IOPS

Reliability

MTBF	1,500,000 hours
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Expansion & Connectivity

Interfaces	1 x Serial ATA-600
Compatible Bays	1 x internal - 2.5"

Expansion / Connectivity

Interfaces	1 x Serial ATA-600
Compatible Bays	1 x internal - 2.5"

Software & System Requirements

Software Included	Norton Ghost 15
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Miscellaneous

Cables Included	1 x Serial ATA cable
Mounting Kit	Included

Manufacturer Warranty

Service & Support	3 years warranty
Service & Support Details	Limited warranty - 3 years

Software / System Requirements

Software Included	Norton Ghost 15
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Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	60 °C

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