

Intel SSDPEDMW800G4X1 solid state drive (SSDPEDMW800G4X1)

800 GB, MLC, HHHL AIC, PCIe 3.0 X4



Price details:

Price excl. VAT: 706.94 €

Eco fees: 0.00 €

VAT 21 %: 148.46 €

Product details:

Product code: SSDPEDMW800G4X1

EAN: 5032037077880

Manufacturer: Intel

855.40 €

* VAT included

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Experience the future of storage performance for desktop client and workstation users with the Intel® SSD 750 Series. The Intel SSD 750 Series delivers uncompromised performance by utilizing NVM Express over four lanes of PCIe 3.0.

With both Add-in Card and 2.5-inch form factors, the Intel SSD 750 Series eases migration from SATA to PCIe 3.0 without power or thermal limitations on performance. The SSD can now deliver the ultimate in performance in a variety of system form factors and configurations.

Main specifications:

Performance

Solid-state drive capacity:	800 GB
Solid-state drive interfaces:	PCI Express 3.0
Read speed:	2500 MB/s
Write speed:	1200 MB/s
Memory type:	MLC
Lithography:	20 nm
PCI Express interface data lanes:	x4
Random read (4KB):	460000 IOPS
Random write (4KB):	290000 IOPS
Latency (read):	20 µs
Latency (write):	20 µs
S.M.A.R.T support:	Y
SSD temperature monitoring:	Y
Mean time between failures (MTBF):	1200000 h

Design

Internal:	Y
Colour of product:	Grey
RoHS compliance:	Y

Operational conditions

Operating temperature (T-T):	0 - 55 °C
Storage temperature (T-T):	-55 - 95 °C
Operating shock:	50 G
Operating vibration:	2.17 G
Non-operating vibration:	3.13 G
Maximum operating altitude:	3048 m
Maximum non-operating altitude:	12192 m

Technical details

Form factor:	HHHL AIC
Interface:	PCIe 3.0 X4
Capacity:	800 GB

Weight & dimensions

Width:	168 mm
Depth:	68.9 mm
Height:	18.74 mm
Weight:	195 g

Packaging data

Quick start guide:	Y
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