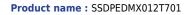
## Intel SSDPEDMX012T701 internal solid state drive Half-Height/Half-Length (HH/HL) 1.2 TB PCI Express

Brand : Intel

Product code: SSDPEDMX012T701



SSD DC P3520 Series (1.2TB, 1/2 Height PCIe 3.0 x4, 3D1, MLC)

## Intel SSDPEDMX012T701 internal solid state drive Half-Height/Half-Length (HH/HL) 1.2 TB PCI Express:

Speed with which the device is able to retrieve data that forms one contiguous, ordered block of data. Measured in MB/s (MegaBytes per Second)

Speed with which the SSD is able to retrieve data from arbitrary locations in the memory, across the entire span of the drive. Measured in IOPS (Input/Output Operations Per Second)

Enhanced Power Loss Data Protection prepares the SSD for unexpected system power loss by minimizing data in transition in temporary buffers, and uses on-board power-loss protection capacitance to provide enough energy for the SSD firmware to move data from the transfer buffer and other temporary buffers to the NAND, thus protecting system and user data.

Intel SSDPEDMX012T701. SSD capacity: 1.2 TB, SSD form factor: Half-Height/Half-Length (HH/HL), Read speed: 1700 MB/s, Write speed: 1300 MB/s

Features		Brand-specific features	
SSD capacity *1Interface *P4Read speed1Write speed1Random read (100% span)3Random write (100% span)2Read latency2Write latency2PCI Express interface data lanesxxEnd-to-End Data ProtectionxProtection technologySSD temperature monitoringXample andX	Half-Height/Half-Length (HH/HL) 1.2 TB PCI Express 1700 MB/s 1300 MB/s 320000 IOPS 26000 IOPS 20 µs 20 µs x4 ✓	Intel High Endurance Technology (HET)	×
		Operational conditions	
		Operating temperature (T-T) Maximum operating temperature Operating vibration Non-operating vibration Operating shock Non-operating shock Operating / non-operating shock Weight & dimensions Weight Logistics data Harmonized System (HS) code	0 - 55 °C 55 °C 2.17 G 3.13 G 1000 G 1000 G 1000 G/0.5msec 190 g 84717070
logging Uncorrectable Bit Error Rate (UBER)	< 1 per 10^17 bits read	Other features	04/1/0/0
Mean time between failures (MTBF) TBW rating Market segment SSD usage tag SSD ARK ID		Internal Drive capacity Launch date SSD endurance rating SSD hardware encryption	<ul> <li>1.2 TB</li> <li>Q3'16</li> <li>1480 TBW</li> <li>AES 256 bit</li> </ul>
Power		SSD power consumption (active)	Avg. 11W (Write), 9W (Read)
Power consumption (read) Power consumption (write) Power consumption (idle)	9 W 11 W 4 W	SSD power consumption (idle) SSD shock Sequential reading Sequential writing speed Status Last change Product family Product series	4W 1000 G/0.5msec 1700 MB/s 1300 MB/s Launched 63903513 Data center SSD Intel® SSD DC P3520 Series

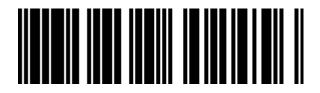


Product codename

Pleasantdale









Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.