



## Intel® SSD 330 Series (120GB, SATA 6Gb/s, 25nm, MLC)

### SPECIFICATIONS

#### Essentials

Package Specifications

Advanced Technologies

ORDERING / SPECS / STEPPINGS

### Specifications

#### Essentials

Status	Launched
Launch Date	Q2'12
Sequential Read	500 MB/s
Sequential Write	450 MB/s
Random Read (8GB Span)	22500 IOPS
Random Write (8GB Span)	33000 IOPS
Power - Active	850 mW
Power - Idle	600 mW
Operating Temperature	0 - 70 C
Weight	Up to 80 grams
Mean Time Between Failures (MTBF)	1200000
Warranty Period	3 yrs

#### Package Specifications

Components	Intel NAND Flash Memory Multi-Level Cell (MLC) Technology
Capacity	120 GB
Form Factor	2.5 inch SATA
Interface	SATA - 6.0 Gb/s
Lithography	25 nm

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### PCN/MDDS Information

921607: PCN | MDDS



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### SPECIFICATIONS

#### ORDERING / SPECS / STEPPING

Ordering / Specs / Stepping

Retired and Discontinued

### ORDERING AND SPEC INFORMATION

#### Ordering and Spec Information

##### Intel® SSD 330 Series (120GB, 2.5in SATA 6Gb/s, 25nm, MLC) 9.5mm, Reseller Pack

Socket	Step	TDP	Ordering Code	Spec Code	VT-x	ECCN	CCATS	US HTS	RCP
		N/A	SSDSC2CT120A3K5						\$104.00

\*Announced SKUs are not yet available. Please refer to the Launch Date for market availability.

The Recommended Customer Price ("RCP") is pricing guidance for Intel products. Prices are for direct Intel customers and are subject to change without notice. Taxes and shipping, etc. not included. Prices may vary for other package types and shipment quantities, and special promotional arrangements may apply. Listing of these RCP does not constitute a formal pricing offer from Intel. Please work with your appropriate Intel representative to obtain a formal price quotation.

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Intel processor numbers are not a measure of performance. Processor numbers differentiate features within each processor family, not across different processor families. See <http://www.intel.com/content/www/us/en/processors/processor-numbers.html> for details.

Hyper-Threading Technology (HT Technology) requires a complete system with an Intel® processor supporting HT Technology and an HT Technology-enabled chipset, BIOS and operating system. Performance will vary depending on the specific hardware and software you use. See <http://www.intel.com/content/www/us/en/architecture-and-technology/hyper-threading/hyper-threading-technology.html#page=hyper-threading> for more information including details on which processors support HT Technology.

64-bit computing on Intel® architecture requires a complete system with a processor, chipset, BIOS, operating system, device drivers and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel® 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. Consult with your system vendor for more information.

Max Turbo Frequency refers to the maximum single-core frequency that can be achieved with Intel® Turbo Boost Technology, which requires a PC with a processor with Intel Turbo Boost Technology capability. Intel Turbo Boost Technology performance varies depending on hardware, software, and overall system configuration. Check with your PC manufacturer or whether your system delivers Intel Turbo Boost Technology. See [www.intel.com/technology/turboboost](http://www.intel.com/technology/turboboost) for more information.

Graphics output, multiple displays, ECC memory, specific PCI Express configurations, Intel® vPro™ Technology, Intel® Trusted Execution Technology, and Intel® Virtualization Technology for Directed I/O (VT-d) may not be available on all computing systems. Please reference the system, motherboard or chipset specifications for compatibility.

Enabling Execute-Disable Bit functionality requires a PC with a processor with Execute-Disable Bit capability and a supporting operating system. Check with your PC manufacturer or whether your system delivers Execute-Disable Bit functionality.

Intel® Virtualization Technology requires a complete system with a processor, chipset, BIOS, virtual machine monitor (VMM) and for some uses, certain platform software enabled for it. Functionality, performance or other benefit will vary depending on hardware and software configurations. Intel® Virtualization Technology-enabled VMM applications are currently in development.

System and Maximum TDP is based on worstcase scenarios. Actual TDP may be lower if not all I/Os for chipsets are used.

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