PRODUCT BRIEF

Intel® SSD 660p Series
PCIe (p), 3D NAND

Intel® QLC Technology Built for the PC. Capacity at an Amazing Price.

Finally, PCIe and Intel® QLC 3D NAND in one SSD.

Industry Recognition

The Intel® SSD 660p has received significant industry praise and high marks, garnering multiple "awards" and badges, including:

- ***AnandTech*** Recommended
- ***Hot Hardware*** Recommended
- ***Legit Review*** Value Award
- ***PC Perspective*** Editor's Choice
- ***Tom's Hardware*** Editor's Choice

Meet today's storage needs and prepare for the growing demands of tomorrow with the Intel® SSD 660p built on Intel® QLC 3D NAND technology.

The Intel SSD 660p is the first QLC-based client PCIe SSD in the industry, continuing Intel's leadership in flash cell technology and quality manufacturing. The SSD 660p finally fits low-cost and high-capacity—up to 2TB—into one drive.

PCIe Performance at an Affordable Price

Empowered by Intel's innovative Intel® QLC technology, the Intel SSD 660p offers higher capacities at a lower cost than TLC-based options.[2] Delivering capacity-optimized NVMe performance and an intelligent storage option for mainstream and entry-level computing, the SSD 660p offers 512GB, 1TB, and 2TB, and at an affordable price.[2]

2x the Capacity in Identical Footprints[1]

These client SSDs pack more data than TLC-based storage, allowing up to 2x more capacity in identical footprints. The thin M.2 80mm form factor makes it perfect for notebooks, desktops, and mobile devices that need storage for everyday computing.

Intel QLC technology is built on a unique architecture that provides performance, high capacities, quality, and reliability. We have developed this dynamic architecture that changes cell configuration to ensure customers get the storage capacity they need at the performance they expect.

Delivering capacity-optimized NVMe performance and an intelligent storage option for mainstream and entry-level computing, the SSD 660p offers 512GB, 1TB, and 2TB, and at an affordable price.[2]

Why Intel?

Our complete product life cycle support extends from ecosystem enabling to post-sales support. Paired with the quality of our supply chain, Intel has a foundation in innovation leadership.

That foundation results in drives with robust and lasting data integrity, reliably effective performance, and increased platform confidence through our unique position as a platform provider. Intel knows workloads, and we architect our products to excel in real world use.

FEATURES-AT-A-GLANCE	
MODEL	**Intel® SSD 660p**
Capacity and Form Factor	M.2 2280-S3-M 512 GB, 1024 GB (1 TB), 2048 GB (2 TB)
	Height and Weight: 80mm, <10 grams
Interface	PCIe 3.0x4, NVMe
Media	64-layer, QLC, 3D NAND
Performance[3]	Sequential Read: up to 1,800 MB/s, Sequential Write: up to 1,800 MB/s
	Random 4 KB Reads: up to 220,000 IOPS, Random 4 KB Writes: up to 220,000 IOPS
Endurance	512 GB: 100 TBW 1 TB: 200 TBW 2 TB: 400 TBW TBW=Terabytes written
Power	Active: 100 mW, Idle: 40 mW
Operating Temperature	0° C to 70° C
Warranty	5-year limited warranty

To learn more, visit www.intel.com/ssd

1 2x more capacity in identical footprints based on specification comparisons between the Intel® SSD 660p (up to 2TB) and Intel® SSD 600 (up to 1 TB)

2 Intel® SSD 660p 512 GB vs Intel® SSD 545s 512 GB ($109.99) Source: Intel.com

3 IOMeter test and system configurations: Intel® Core™ i7-8700K @ 3.70 GHz, Gigabyte motherboard, NVIDIA GeForce 2109.18.13.4195, BIOS: AMI P1.90, Chipset: Intel® INF 10.0.20.0, Memory: 16GB (4x4GB) Corsair DDR4-240, Microsoft Windows 10 Enterprise 64-bit using native NVMe storage driver. Performance values vary by capacity.

4 As measured by Mobile Mark 2014 benchmark compared to Intel® SSD 545s and PCIe Intel® SSD 760p 2 TB.

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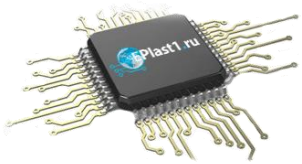
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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