The Intel® Optane™ SSD 800P Series packs the performance of Intel® Optane™ technology in the slim M.2 form factor for storage in mobile and desktop systems. The Intel® Optane™ SSD 800P offers standard PCIe*/ NVMe* interfaces and is optimized for use as an exceptional OS drive, in a mobile RAID configuration, or for high-performance specialty uses like application swap files or logging.

About Intel® Optane™ Technology

Intel® Optane™ technology is the unique combination of 3D XPoint™ memory media with Intel's advanced system memory controller, interface hardware, and software. Together, these building blocks unleash vast system performance potential in a range of products which deliver an unparalleled combination of high throughput, low latency, high quality of service, and high endurance.

For PC systems, Intel® Optane™ technology is delivered in two solution types: storage in the form of SSDs, and memory as part of a PC system acceleration solution. The Intel® Optane™ SSD 900P Series and the Intel® Optane™ SSD 800P Series are high performing storage devices that are compatible with desktops, laptops, NUCs, and client workstations. Intel® Optane™ Memory is a smart, adaptable system accelerator for PCs with a 7th Gen Intel® Core™ processor (or newer) and a hard disk drive.

Intel® Optane™ SSD 800P Series

Breakthrough Performance

Gaming enthusiasts, corporate business users, or professionals managing heavy workloads can now get the performance of Intel® Optane™ technology in a low-power, small form-factor client SSD. The Intel® Optane™ SSD 800P is an ideal OS drive, delivering fast boot, application launch, and smooth multi-tasking.

Featuring the low latency that is common across all Intel® Optane™ technology products, the Intel® Optane™ SSD 800P features breakthrough random read and write speeds, especially at low queue depths and under demanding loads.
Consistent Responsiveness

While traditional NAND-based SSDs can lose performance over time as the drive fills, the Intel® Optane™ SSD 800P continues to deliver high performance under load, over time as the drive fills, and across drive capacities.

Slim Form Factor Provides Usage Versatility

The M.2 slim form factor and low-power support provide the versatility to use the Intel® Optane™ SSD 800P in mobile devices or desktops. The drive accelerates system boot time and provides quicker access to critical files, while ensuring low power consumption. The small M.2 form factor packs the performance of Intel® Optane™ technology into a solution you can use as a primary storage drive, secondary drive, or as part of a RAID volume for truly demanding workloads.

Experience Faster Computing Now

The Intel® Optane™ SSD 800P is an ideal OS drive, delivering fast boot, application launch, and smooth multi-tasking for a variety of users. Add an Intel® Optane™ SSD 800P to your PC system today, and experience breakthrough performance and consistent responsiveness.

Learn more at www.intel.com/ssd

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