

PRODUCT BRIEF

Intel® Optane™ SSD 900P Series



Unleash an Amazing Star Citizen® Experience

Enrich your Star Citizen® game with the new, innovative Intel® Optane™ SSD 900P storage technology from Intel.



Experience full Star Citizen immersion. Add the Intel® Optane™ Solid State Drive (SSD) 900P to your Intel® Core™ processor-based gaming system and step into the richly detailed, ever-expanding universe of Star Citizen. Fast game loading means less waiting and more time for exploring the vast galaxy.

This innovative storage drive is based on the new, groundbreaking Intel® Optane™ technology, which includes the unique combination of 3D XPoint™ memory media with Intel's advanced system memory controller, interface hardware, and software.

With the Intel® Optane™ SSD 900P you can enrich your game play, fully experience your place in the galaxy, and soar to a new level.

Fast Load Times

With the unprecedented level of realism in Star Citizen, you'll want the responsive load times that the Intel® Optane™ SSD 900P delivers to your desktop PC system. Load rich textures and get fully immersed in deep space. Plus, the drive supports the seamless transitions you're called on to make, from in-space dogfighting to on-the-ground combat.

Rich Content

To experience the always-expanding, deep universe of Star Citizen, play on an Intel® Core™ processor-based gaming system with the Intel® Optane™ SSD 900P.

Smooth Gaming

In the Star Citizen galaxy, you can't afford lag time waiting for critical data and information. The Intel® Optane™ SSD 900P helps ensure you're ready to respond and can act quickly in the game's crucial moments. And, whatever your role is in the galaxy, it requires rugged, reliable, and stable SSD performance. The Intel® Optane™ SSD 900P comes with an Intel 5-year warranty for yet another level of protection in the Star Citizen universe.

Claim Your Free Sabre Raven Ship and Star Citizen Game

Fly at Quantum Speeds in the Star Citizen galaxy. Purchase an Intel® Optane™ SSD 900P and claim the blazing fast, exclusive in-game Sabre Raven ship and free Star Citizen game while supplies last.1 Step in, begin the journey, and inhabit a world more immersive than ever before.

With the Intel® Optane™ SSD 900P, you can experience fast load times, rich content, and smooth gaming. Unleash your amazing Star Citizen experience today.



Features At-a-Glance	
Model Name	Intel® Optane™ SSD 900P Series
Capacity	Half Height Half Length (HHHL) Add-in-Card: 280GB and 480GB 2.5" X 15mm, Small Form Factor U.2: 280GB
Memory Media	3D XPoint™ memory media
Bandwidth: Sustained Sequential Reads/Writes ¹	Up to 2500 / 2000 MB/s
Random I/O Operations per Second: 4KB Random Reads / Writes ¹	Up to 550,000 / 500,000 IOPs
Read /Write Latency ¹	<10 μs / < 10 μs
Interface	PCIe* 3.0 X4, NVMe*
Form Factors, Height and Weight	HHHL AIC 68.9mm / 17.2mm / 168mm up to 230 grams 2.5" U.2 15mm / 70mm / 101mm / up to 140 grams
Life Expectancy	1.6million hours Mean Time Between Failures (MTBF)
Lifetime Endurance ²	10 Drive Writes per Day (DWPD)
Power Consumption Typical	Active Read – Average Power: 8W Active Write – Average Power: 13W Burst Power: 14W Idle: 5W
Operating Temperature ³	0° C to 70° C
RoHS Compliance	Meets the requirements of European Union (EU) RoHS Compliance Directives
Warranty	5-year warranty; warranty void if used in a multi-user, multi-CPU data center environment



Learn more now at www.intel.com/ssd

1. IOMeter Test and System Configurations: Intel® Core™ i7-6950X @ 3.00GHz, Asus X99* motherboard, NVIDIA Geforce* GTX1080, Chipset: Intel® INF 10.0.20.0, Memory: 64GB (4X16GB) DDR4-2400, Microsoft Windows 10* Enterprise 64-bit, using Intel NVMe* driver 2.0.0.1024. Test done by Intel at Intel labs.

2. Based upon the spec sheet of Intel® Optane™ SSD 900P 480GB with an endurance of 8760GB written.

3. Operating temperature is measured by SMART.

Intel technologies' features and benefits depend on system configuration and may require enabled hardware, software or service activation. Performance varies depending on system configuration. No computer system can be absolutely secure. Check with your system manufacturer or retailer or learn more at intel.com.

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