

Intel\_UPE\_SpecificationsChart\_2021\_09\_30 (7)

UPE   Compare Intel® Products	
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	Intel® SSD 660p Series (512GB- M.2 80mm PCIe 3.0 x4- 3D2- QLC)
<b>Essentials</b>	
Product Collection	Intel® SSD 6 Series
Code Name	Products formerly Neptune Harbor
Capacity	512 GB
Status	Launched
Launch Date	03'18
Lithography Type	3D2 QLC
Recommended Customer Price	\$64.00
Use Conditions	PC/Client/Tablet
<b>Performance Specifications</b>	
Sequential Bandwidth - 100% Read (up to)	1500 MB/s
Sequential Bandwidth - 100% Write (up to)	1000 MB/s
Power - Active	0.1 W
Power - Idle	0.040W
<b>Reliability</b>	
Vibration - Operating	2.17 GRMS
Vibration - Non-Operating	3.13 GRMS
Shock (Operating and Non-Operating)	1000 G
Operating Temperature Range	0°C to 70°C
Operating Temperature (Maximum)	70 °C
Operating Temperature (Minimum)	0 °C
Endurance Rating (Lifetime Writes)	100 TBW
Mean Time Between Failures (MTBF)	>= 1.6 million hours
Uncorrectable Bit Error Rate (UBER)	< 1 sector per 10 <sup>15</sup> bits read
Warranty Period	5 yrs
<b>Supplemental Information</b>	
Additional Information	<a href="#">View now</a>
<b>Package Specifications</b>	
Weight	< 10 grams
Form Factor	M.2 22 x 80mm
Interface	PCIe 3.0 x4   NVMe
<b>Advanced Technologies</b>	
Enhanced Power Loss Data Protection	No
Hardware Encryption	AES 256 bit
High Endurance Technology (HET)	No
Temperature Monitoring and Logging	No
End-to-End Data Protection	Yes
Intel® Smart Response Technology	Yes
Intel® Rapid Start Technology	Yes
Intel® Remote Secure Erase	No