

Intel\_UPE\_SpecificationsChart\_2021\_09\_30 (8)

UPE   Compare Intel® Products	
09/30/2021 09:06:22 AM	
	Intel® SSD 660p Series (1.0TB- M.2 80mm PCIe 3.0 x4- 3D2- QLC)
<b>Essentials</b>	
<b>Product Collection</b>	Intel® SSD 6 Series
<b>Code Name</b>	Products formerly Neptune Harbor
<b>Capacity</b>	1.024 TB
<b>Status</b>	Launched
<b>Launch Date</b>	Q3'18
<b>Lithography Type</b>	3D2 QLC
<b>Recommended Customer Price</b>	\$114.00
<b>Use Conditions</b>	PC/Client/Tablet
<b>Performance Specifications</b>	
<b>Sequential Bandwidth - 100% Read (up to)</b>	1800 MB/s
<b>Sequential Bandwidth - 100% Write (up to)</b>	1800 MB/s
<b>Power - Active</b>	0.1 W
<b>Power - Idle</b>	0.040W
<b>Reliability</b>	
<b>Vibration - Operating</b>	2.17 GRMS
<b>Vibration - Non-Operating</b>	3.13 GRMS
<b>Shock (Operating and Non-Operating)</b>	1000 G
<b>Operating Temperature Range</b>	0°C to 70°C
<b>Operating Temperature (Maximum)</b>	70 °C
<b>Operating Temperature (Minimum)</b>	0 °C
<b>Endurance Rating (Lifetime Writes)</b>	200 TBW
<b>Mean Time Between Failures (MTBF)</b>	>= 1.6 million hours
<b>Uncorrectable Bit Error Rate (UBER)</b>	<1 sector per 10 <sup>15</sup> bits read
<b>Warranty Period</b>	5 yrs
<b>Supplemental Information</b>	
<b>Additional Information</b>	<a href="#">View now</a>
<b>Package Specifications</b>	
<b>Weight</b>	<10 grams
<b>Form Factor</b>	M.2 22 x 80mm
<b>Interface</b>	PCIe 3.0 x4   NVMe
<b>Advanced Technologies</b>	
<b>Enhanced Power Loss Data Protection</b>	No
<b>Hardware Encryption</b>	AES 256 bit
<b>High Endurance Technology (HET)</b>	No
<b>Temperature Monitoring and Logging</b>	No
<b>End-to-End Data Protection</b>	Yes
<b>Intel® Smart Response Technology</b>	Yes
<b>Intel® Rapid Start Technology</b>	Yes
<b>Intel® Remote Secure Erase</b>	No