

ANGELBIRD SSD SELECTION GUIDE

	AV PRO MK3	AVP PRO XT
RRP AUD 16 NOV 2018 MPN SKU	\$660 AVP1000MK3 SSDABD163	\$1,170 AVP1000XT SSDABD102
General Capacity Form Factor Dimensions Weight	500 GB 1 TB 9 mm (2.5 in) 100.2 × 69.9 × 9.2 mm ~ 72.0 g / ~ 2.6 oz	500 GB 1 TB 2 TB 4 TB 9 mm (2.5 in) 100.2 × 69.9 × 7.0 mm ~ 75.0 g ~ 2.6 oz
Performance Sustained Read Speed ¹ Sustained Write Speed ¹ Sequential Read Speed ¹ Sequential Write Speed ¹ Access Time (R/W)	540 MB/s 480 MB/s 560 MB/s 500 MB/s ~ 0.1 ms	540 MB/s 500 MB/s 560 MB/s 520 MB/s ~ 65 μs 40 μs
Reliability MTBF Data Reliability Data Retention Endurance 500 GB: 1 TB: Certifications	2,000,000 hours Built-in EDC / ECC function 10 years at 25° Up to 1,200 TBW Up to 2,400 TBW RoHS, FCC and CE compliant, REACH	> 2,400,000 hours Built-in EDC / ECC function 10 years at 25° Up to 4,500 TBW Up to 9,000 TBW RoHS, FCC and CE compliant
Electrical Dc Input Voltage ⁵ V ± 10% Power Usage (Idle/Max) 500 Gb: 1 Tb:	5 V ± 10% 0.35 W 3.0 W 0.35 W 3.5 W	5 V ± 10% 1.35 W 4.7 W 1.35 W 5.4 W
Technical Interface Over Provisioning Flash	SATA 6 Gb/s, 3 Gb/s and 1.5 Gb/s SATA 3.1 compliant ~ 9 % 	SATA 6 Gb/s, 3 Gb/s and 1.5 Gb/s SATA 3.0 compliant ~ 9 % Grade A Synchronous 2D MLC NAND
Features	Temperature sensor • Overload protection • TRIM • ECC • SMART EMS protection • Built-in cache NCQ • Adaptive Thermal Protection	Temperature sensor • Overload protection • TRIM • ECC • SMART EMS protection • Built-in cache
Environmental Shock Resitance (Operating) Vibration Resistance (Operating) Operating Temperature Storage Temperature Operating Humidity	150G 3.1G 0°C ~ +70°C -55°C ~ +85°C 5 % to 95 % non-condensing	1000G / 0.5ms 2.17G -20°C ~ +85°C -40°C ~ +85°C 5 % to 95 % non-condensing
Certifications	Blackmagic Design certified product	Blackmagic Design certified product Atomos certified product Video Devices certified product
Warranty ²	3-year limited warranty	3-year limited warranty
Package content	<ul style="list-style-type: none"> SSD AV PRO MK3 Label sticker Activation code for the full limited warranty and additional software licences and content 	<ul style="list-style-type: none"> SSD AV PRO XT Label sticker Activation code for the full limited warranty and additional software licences and content

¹ Speed based on internal testing. Actual transfer rates and capacity may vary depending on system hardware

² To receive the full limited warranty, the product needs to be registered on the Angelbird Personal Service Portal within 30 days of purchase. If not registered within this period, the market-specific legal guarantee period applies