

*Live for  
Professionalism and  
Challenging Your Limits*

Read Up to  
**3500** MB/s

Write Up to  
**3000** MB/s

With an Aluminum  
**Heat Sink**

## AS2280P4U Pro M.2 PCIe Gen3 x4 SSD

AS2280P4U Pro boasts read-write speeds of 3,500/3,000 MB/s, allowing users to quickly upgrade laptops or consoles with expert-level technology. It also features an aluminum heat sink that can reduce operating temperatures by 25%, maintaining stable performance and the best condition.

### Features

- The Latest Generation PCIe Gen3 x4 Speed
- Complies with the Latest NVMe 1.3 Specification
- Extremely Thin and Light M.2 Interface
- Continuous Read/Write Speed up to 3,500 / 3,000 MB/s
- Aluminum Heat Sink Effectively Reduce Temperatures by up to 25%
- 5-year Warranty Gives Peace of Mind

### Specifications

- Form Factor : M.2 2280
- Interface : PCIe Gen3 x4
- Capacity : 256GB/512GB/1TB/2TB
- NAND Flash : 3D NAND
- MTBF : 1,800,000 hours
- Temperature Range
  - Standard Operating : 0°C ~ +70°C
  - Storage : -40 ~ +85°C
- Shock : 1500G/0.5msec
- Dimensions (L x W x H)
  - Single side : 80.00 x 22.00 x 3.75mm
  - Double side : 80.00 x 22.00 x 5.00mm
- Weight : 10.3g
- Warranty : 5 Years Limited

### Performance\*

Capacity	Sequential Performance (Up to)		4K Random (Up to)		Endurance (TBW)
	Read (MB/s)	Write (MB/s)	Read (IOPS)	Write (IOPS)	
256GB	3500	1200	210K	315K	170
512GB	3500	2300	400K	600K	350
1TB	3500	3000	670K	670K	760
2TB	3500	3000	700K	680K	1500

\*The performance may vary due to host hardware, software, usage and storage capacity.

### Ordering Information

Capacity	Part Number	EAN Code
256GB	AP256GAS2280P4UPRO-1	4712389919342
512GB	AP512GAS2280P4UPRO-1	4712389919335
1TB	AP1TBAS2280P4UPRO-1	4712389919328
2TB	AP2TBAS2280P4UPRO-1	4712389919380



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