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| <b>Embargo Date</b>              | 28-Jan-2021  |
| <b>First Customer Ship Date</b>  | 22-Jan-2021  |
| <b>Product Full Name / Title</b> | CORSAIR MP600 PRO Gen4 PCIe x4 NVMe M.2 SSD – High-Density TLC NAND – Aluminum Heatspreader – M.2 2280 Form-Factor |
| <b>Product Imagery Link</b>      | <a href="#">LINK</a>   |
| <b>Video Link</b>                | <a href="#">LINK</a>   |
| <b>Compatibility List</b>        | M.2 2280 Interface Connector Windows 10, Mac OS X  |
| <b>Description</b>               | Corsair MP600 PRO 1TB M.2 NVMe PCIe Gen. 4 x4 SSD  |



**Overview**  
**100 Word Product Description**

The CORSAIR MP600 PRO Gen4 PCIe x4 NVMe M.2 SSD provides extreme storage performance, using Gen4 PCIe technology to achieve blazing fast speeds of up to 7,000MB/sec sequential read and 6,850MB/sec sequential write. High-density TLC NAND flash memory offers an ideal mix of performance, endurance, and value, with longevity up to 3,600TB Written. Contained in a compact M.2 2280 form factor with a built-in aluminum heatspreader and connecting over a high-speed NVMe 1.4 PCIe Gen4 x4 M.2 interface, the MP600 PRO is easy to install into a compatible motherboard and is backed by a five-year warranty. If you're looking for extreme storage performance, go with Gen4 for blazing fast speed.

**Overview**  
**50 Word Product Description**

The CORSAIR MP600 PRO Gen4 PCIe x4 NVMe 1.4 M.2 SSD provides extreme storage performance, using Gen4 PCIe technology to achieve blazing fast speeds of up to 7,000MB/sec sequential read and 6,850MB/sec sequential write. High-density TLC NAND flash memory offers an ideal mix of performance, endurance, and value, while a built-in aluminum heatspreader helps maintain high speeds.

**Overview**  
**25 Word Product Description**

The CORSAIR MP600 PRO Gen4 PCIe x4 NVMe 1.4 M.2 SSD provides extreme storage performance, using Gen4 PCIe technology to achieve blazing fast speeds of up to 7,000MB/sec sequential read and 6,850MB/sec sequential write.

**Features and Benefits**

| <b>Style 1</b> |   |
|----------------|---|
|                | <ul style="list-style-type: none"> <li>• A PCIe Gen4 x4 extreme data performance controller delivers up to 7,000MB/sec sequential read and 6,850MB/sec sequential write speeds*, for read, write, and response times that leave standard M.2 SSDs in the dust.</li> </ul> |
|                | <ul style="list-style-type: none"> <li>• Leveraging PCIe Gen 4 NVMe 1.4 technology for maximum bandwidth, the MP600 PRO delivers incredible storage performance.</li> </ul>   |
|                | <ul style="list-style-type: none"> <li>• High-density 3D TLC NAND provides the ideal mix of performance, endurance, and value to keep your drive performing at its best for years.</li> </ul>   |
|                | <ul style="list-style-type: none"> <li>• A built-in aluminum heatspreader helps disperse heat and reduce throttling, so your SSD maintains sustained high performance.</li> </ul>   |
|                | <ul style="list-style-type: none"> <li>• With outstanding endurance up to 3,600TB Written*, the MP600 PRO's longevity ensures that it will reliably store your data through many years of use.</li> </ul>   |
|                | <ul style="list-style-type: none"> <li>• Compact M.2 2280 industry standard form factor fits directly into your motherboard.</li> </ul>   |

|                |  |
|----------------|--|
|                | <ul style="list-style-type: none"> <li>• CORSAIR SSD Toolbox software enables advanced drive controls from your desktop, such as secure erase and firmware updates.</li> </ul>   |
|                | <ul style="list-style-type: none"> <li>• Comprehensive five-year warranty for peace of mind.</li> </ul>  |
|                | * Performance and endurance vary by capacity.  |
| <b>Style 2</b> |  |
|                | <ul style="list-style-type: none"> <li>• <b>Extreme Gen4 Storage Performance:</b> A PCIe Gen4 x4 controller delivers up to 7,000MB/sec sequential read and 6,850MB/sec sequential write speeds, for read, write, and response times that leave standard M.2 SSDs in the dust.</li> </ul> |
|                | <ul style="list-style-type: none"> <li>• <b>High-speed Gen4 PCIe x4 NVMe 1.4 M.2 Interface:</b> Using PCIe Gen4 technology for maximum bandwidth, the MP600 PRO delivers incredible storage performance.</li> </ul>  |
|                | <ul style="list-style-type: none"> <li>• <b>High-Density 3D TLC NAND:</b> Provides the ideal mix of performance, endurance, and value to keep your drive performing at its best for years.</li> </ul>  |
|                | <ul style="list-style-type: none"> <li>• <b>Built-in Aluminum Heatspreader:</b> Helps disperse heat and reduce throttling, so your SSD maintains sustained high performance.</li> </ul>  |
|                | <ul style="list-style-type: none"> <li>• <b>Outstanding Endurance:</b> Guaranteed for up to 3,600TB Written, the MP600 PRO's longevity ensures that it will reliably store your data through many years of use.</li> </ul>   |
|                | <ul style="list-style-type: none"> <li>• <b>Compact M.2 2280 Form Factor:</b> Fits directly into your motherboard.</li> </ul>  |
|                | <ul style="list-style-type: none"> <li>• <b>CORSAIR SSD Toolbox Software:</b> Enables advanced drive controls from your desktop including secure erase and firmware updates.</li> </ul>  |
|                | <ul style="list-style-type: none"> <li>• <b>Comprehensive Five-year Warranty:</b> Long-term reliability and industry-leading customer support for peace of mind.</li> </ul>  |
|                | * Performance and endurance vary by capacity.  |

### Technical Specification

|                 |                 |                         |                     |
|-----------------|-----------------|-------------------------|---------------------|
| Capacity:       | 1TB             | Sequential Read(CDM):   | 7,000 MB/s          |
| Interface Type: | PCIe Gen 4.0 x4 | Sequential Write (CDM): | 5,500 MB/s          |
| Form Factor:    | M.2 2280        | 4K Random Read:         | 360K IOPS           |
| PCIe Protocol:  | NVMe 1.4        | 4K Random Write:        | 780K IOPS           |
| Controller:     | PS5018-E18      | Software:               | Corsair SSD Toolbox |
| NAND Type:      | 3D TLC          | PCB Form Factor:        | Single-Sided        |
| DRAM cache:     | Yes             |                         |                     |

### Power Consumption

|                              |            |                     |                        |
|------------------------------|------------|---------------------|------------------------|
| Idle:                        | <5mW       | Active Read:        | 6.2W                   |
| Endurance:                   | 700 TBW    | Active Write:       | 6.5W                   |
| MTBF:                        | 1.7M Hours | Devslp:             | PS4: <2mW              |
| TRIM:                        | Yes        | SMART:              | Yes                    |
| Garbage collection:          | Yes        | Bad block:          | Yes                    |
| Static and Dynamic leveling: | Yes        | Encryption support: | AES 256-bit Encryption |

### Environmental Specification

|                        |                |                   |                  |
|------------------------|----------------|-------------------|------------------|
| Operating Temperature: | 0°C to +70°C   | Storage Humidity: | 40°C 93% RH      |
| Storage Temperature:   | -40°C to +85°C | Shock:            | 1500G            |
| Operating Humidity:    | 40°C 90% RH    | Vibration:        | 20Hz~80Hz/1.52mm |

### Box Contents

MP600 PRO Series M.2 SSD with heatsink, QSG

### Search Terms

pcie gen4  
nvme ssd  
m.2 ssd

Additional Keywords:

corsair ssd, nvme ssd, nvme pcie gen4 x4, m.2 ssd, m.2 pcie ssd, m.2 ssd pcie, nvme, pcie nvme, pcie ssd, pci-e ssd, fast ssd, fast m.2 ssd, pcie m.2 ssd, pci-e m.2 ssd, amd matisse, amd ryzen 3000, amd zen 2, amd 3rd gen ryzen, amd x570, tlc nand, 3d tlc, amd b550, amd zen 3, amd ryzen 4000

### Shipping Information

|                                    |  |                 |
|------------------------------------|--|-----------------|
| <b>Product Dimensions</b>          | 23mm x 80mm x 15mm / 0.91" x 3.15" x 0.59"       |                 |
| <b>Product Weight</b>              | 0.034kg / 0.075lbs                               |                 |
| <b>Shipping Dimensions</b>         | 135mm x 110mm x 24mm / 5.31" x 4.33" x 0.94"     |                 |
| <b>Shipping Weight</b>             | 0.072kg / 0.159lbs                               |                 |
| <b>Inner Pack Quantity</b>         | 10   |                 |
| <b>Inner Pack Dimensions</b>       | 274mm x 120mm x 140mm / 10.79" x 4.72" x 5.51"   |                 |
| <b>Inner Pack Shipping Weight</b>  | 1.1kg / 2.43lbs                                  |                 |
| <b>Master Pack Quantity</b>        | 80   |                 |
| <b>Master Pack Dimensions</b>      | 575mm x 263mm x 309mm / 22.64" x 10.35" x 12.17" |                 |
| <b>Master Pack Shipping Weight</b> | 9.1kg / 20.06lbs                                 |                 |
| <b>Warranty</b>                    | 5 Years  |                 |
| <b>Harmonized Tariff Code</b>      | 8523.51.0000                                     |                 |
| <b>Country of Origin</b>           | TAIWAN   |                 |
| <b>Part Number/<br/>UPC</b>        | <b>Part Number</b>                               | <b>UPC Code</b> |
|                                    | CSSD-F1000GBMP600PRO                             | 840006637325    |

