



HighPoint RocketMate 220: Industry's 1st 2.5" Driverless U.2 to M.2 NVMe RAID Drive!

January 2022, Fremont CA – HighPoint launches the RocketMate 220; a compact, bootable dual-M.2 host RAID enclosure designed for industrial workflows.

The RocketMate 220 is a stand-alone, pocket-sized, PCIe 3.0 x4 Dual-M.2 NVMe Host-RAID enclosure adapter capable of supporting up to 16TB of storage! It was designed for professional and industrial applications that require a compact, NVMe host-RAID solution built to withstand demanding work environments. Native In-Box driver support ensures plug & play compatibility with any modern PC based operating system and VM platform.

The universal 2.5" form factor and SFF-8639 U.2 connectivity allows RocketMate 220 enclosures to be easily integrated into a wide range of industry standard enclosures, backplanes, drive bays and mobile racks.

Secure, High-Speed System Drive Upgrade for PC Platforms

The RocketMate 220 is an ideal upgrade or replacement for conventional system drives; the dual M.2 are capable of hosting up to two off-the-shelf PCIe Gen3 or Gen4 2242/2260/2280 M.2 NVMe SSDs, which doubles possible storage capacity. Host RAID 1 mirroring technology secures the bootable system drive against a single drive failure.

Integrated Host RAID 0 & 1; Configure via Hardware Switch

The RocketMate 220 features integrated host RAID technology, that is capable of supporting RAID 0 (stripe), RAID 1 (mirroring) and single disk configurations. RAID arrays hosted by the RocketMate 220 are natively supported by all current PC operating systems and VM platforms such as Windows 11, Windows Server 2022, Hyper-V, VMware, Proxmox, Citrix Hypervisor, and Linux distributions that utilize kernel v3.10.0 and later.

Adds Enterprise Reliability to Client Class M.2 NVMe Media

RocketMate 220 enclosures incorporate hardware level Power Loss Protection (PLP), a feature normally associated with enterprise class storage solutions and limited to U.2 NVMe drives. The enclosure's internal PCB incorporates a bank of capacitors that are used to flush data stored in NVMe cache to the flash memory in the event of a sudden loss of power. This helps prevent the loss of in-transit data during a power outage or PSU failure, and works with any industry-standard M.2 NVMe SSD.

Ideal Bootable Drive Solution for Virtual Machine Platforms

The RocketMate 220 Dual M.2 NVMe RAID enclosure is natively supported by all major VM platforms, such as VMware, Proxmox, Hyper-V and Citrix Hypervisor. Native, In-Box driver support ensures that any RAID array hosted by the RocketMate 220 is absolutely 100% transparent to the VM Platform; arrays will be recognized as ordinary single drives, and can be immediately used to install the VM host or virtual machines.

The RocketMate 220 Adapter-Enclosure is compatible with most modern PC-based server and workstation platforms; the compact, industry-standard 2.5" form factor is easily installed into any drive bay, mobile rack, rackmount chassis or enclosure with SFF-8643 or M.2 connectivity.

Easy DIY Solution: Convert a U.2 Drive into a Massive Storage Device or Mirrored System Drive

The RocketMate 220 Host-RAID capability allows you to instantly transform a U.2 drive into a massive 16TB storage device, or ultra-secure Mirrored system disk using the built-in hardware switch.

The dial is located at the bottom of the enclosure and can be easily adjusted using a small flat-head screwdriver or similar hand tool. Three modes are provided; RAID 0 Striping for applications that require maximum performance and capacity, redundant RAID 1 Mirroring to protect bootable volumes, and JBOD for single disk, non-RAID configurations.

Pricing and Availability

The RocketMate 220 is scheduled to ship in late January 2022, and will be available direct from the HighPoint Estore and our official North American Distribution and Retail partners.

RocketMate 220 (RM220) – 2.5" U.2 to Dual M.2 PCIe 3.0 x4 Bootable Host-RAID Enclosure/Adapter:
MSRP USD\$