

Mobyl Data Center: MDC-SR10-V2

The Mobyl Data Center SR10-V2 comes equipped with 10 BioDigitalPC® docking stations to form a cohesive, scalable server cluster. The MDC-SR10-V2 comes protected in a rugged case, accompanied by a monitor. The MDC-SR10-V2 13.3" 1080P touchscreen monitor is useable in all lighting conditions because of it's brightness and contrast controls. This design also allows for access to servers without any additional wire connections.

Each BioDigitalPC® in the MDC-SR10-V2 is equipped with three 1 GB NICs, which allows for a huge networking advantage. Connection to the internet is available through one 1 Gb or two 10 Gb Ethernet ports, capable of redundancy and link aggregation.

The MDC-SR10-V2 is powered by either a 5-pin Mil-5015 type Circular Connector DC Input Cable or IEC 60320 C13/C14 a cord found on most desktop computers.

The MDC-SR10-V2 has four, 12 Volt fans surrounding the chassis. There are an additional ten, 5 Volt fans, one for each of the BioDigitalPC® cards.

When completely scaled out, the MDC-SR10-V2 allows for the usage of 10 BioDigitalPC® cards containing 10 to 40 CPU cores, up to 320GB DDR4 RAM, and up to 10TB(20TB soon) of onboard ultra-fast NVMe SSD storage.

Proudly made in the USA. **TAA Compliant.**



Connections on the right side of the MDC-SR10-V2



Tech Specs

SKU	ADDC-MDC-SR10-V2
Size	16.54" L, 13.03" W, 6.84" D
Weight	22.5 lbs fully loaded
AC Power	110-220 VAC, 50-60Hz
DC Power	12 - 32 VDC
Display	13.3" 1080p touchscreen monitor
Max Server Cards	10 BioDigitalPCs® Up to 40 CPU cores Up to 80 CPU threads Up to 320GB DDR4 RAM 10TB onboard NVMe SSD (20TB soon)
Each dock provides	(1) USB 2.0 connectors (1) Mini-DisplayPort (HDMI capable)
The Connections on the right side of the MDC SR-10-V2	(2) 10GbE SFP+ (1) 1GbE SWMGT (1) 1GbE AUX (1) 1GbE PWR MGT (1) RS232 serial switch management