

Mobyl Data Center: MDC-22

The Mobyl Data Center 22 comes equipped with 22 BioDigitalPC®, docking stations to form a cohesive, scalable server cluster. The MDC-22 can be scaled from 1 to 22 servers simply by plugging BioDigitalPC® cards into available slots. The MDC-22 makes it possible to accommodate ever changing field requirements in minimal physical storage space. Adding a node to the server cluster is as simple as plugging in another credit card sized BioDigitalPC® card and configuring it to your network parameters. The MDC-22 allows for hot swapping of batteries and BioDigitalPC® cards.



When completely scaled out, the MDC-22 allows for 22 BioDigitalPC® cards containing 22 to 88 CPU cores, up to 352GB DDR4 RAM, up to 22TB of NVMe SSD onboard ultra-fast SSD storage, and up to 12TB of optional storage. The internal batteries will give you up to four hours of scaled out server uptime. Each battery has charging capacity LED indicators. A 9.7" LCD screen comes standard to aid in configuration.



Tech Specs

SKU	ADDC-MDC22
Size	21.7"L x 14.1" W x 8.9"D
Weight	45 lbs fully loaded (incl batteries)
AC Power	110 - 220 VAC, 50 - 60Hz
DC Power	12 - 32 VDC
Max Server Cards	22 BioDigitalPCs® 22-88 CPU cores 176 CPU threads Up to 352GB DDR4 RAM 22 TB onboard NVMe SSD
Optional Storage	12TB
Rechargeable Batteries	(4) 250 Wh UBI-2590 High Capacity SMBus Lithium-Ion NSN: 6140-01-611-019
Each dock provides	(2) USB 2.0 connectors Mini-DisplayPort (HDMI capable) Red 5V power LED indicator Green Card Detect LED indicator