

# Mobyl Data Center: MDC-22

## BUILT TO MILITARY SPECIFICATIONS

The Mobyl Data Center comes equipped with 22 BioDigitalPC®/MobylPC Server docking stations to form a cohesive, scalable server cluster.

The MDC-22 can be scaled from 1 to 22 servers simply by plugging more BioDigitalPC®/MobylPC Server cards into available slots. You can 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®/MobylPC Server and configuring it to your network parameters.

The MDC-22 allows for hot swapping the batteries and BioDigitalPC®/MobylPC Server Cards.

When completely scaled out, the MDC-22 allows for 22 BioDigitalPC®/MobylPC Server Cards containing 22 to 88 CPU cores, 44 to 176GB DDR3 RAM, up to 2.8TB of 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 and capacity LED indicators. A 9.7" LCD screen is available to aid in configuration.

### FRONT VIEW



### BACK VIEW



## SPECIFICATIONS

SKU#: ADDC-MDC22

Size	21.7" Length, 14.1" Width, 8.9" Depth
Weight	Approximately 45 lbs with 4 batteries and 22 BioDigitalPC/MobylPC's
Power	DC: 12-36 VDC AC: 85-264 VAC, 47-63Hz
System Includes	<ul style="list-style-type: none"> <li>Up to 22 BioDigitalPC®/MobylPC Server Cards:           <ul style="list-style-type: none"> <li>22-88 CPU cores, 88 CPU threads</li> <li>44-176GB DDR3 RAM, up to 2.8TB onboard SSD</li> </ul> </li> <li>Up to 12TB optional storage</li> <li>Up to 4 hours of scaled out server uptime</li> <li>(4) 250 Wh UBI-2590 High Capacity SMBus Lithium-Ion Rechargeable Battery, NSN: 6140-01-611-019</li> <li>Each BioDigitalPC docking station provides:           <ul style="list-style-type: none"> <li>(2) USB 2.0 connectors</li> <li>Mini-DisplayPort (HDMI capable) connector</li> <li>Red 5V power LED indicator</li> <li>Green Card Detect LED indicator</li> </ul> </li> </ul>