



Mobyl Cloud/Mobyl Data Center

Product Overview

The Mobyl Data Center comes equipped with 22 BioDigitalPC®/MobylPC Server docking stations along with the hubs to form a cohesive network between a scalable server cluster.

The MDC can be scaled from one server to 22 complete servers simply by plugging in more BioDigitalPC®/MobylPC Servers. This means that you can accommodate ever changing requirements in the field with a minimum of physical storage. Add a node to the server cluster by simply plugging in a BioDigitalPC®/MobylPC Server, which is the size of a credit card, configuring it to your network parameters and allowing it into the network.

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

When completely scaled out the MDC will allow for 22 BioDigitalPC®/MobylPC Server Cards containing 22 to 88 CPU cores, 44 to 176GB DDR3 RAM and up to 2.8TB of Ultra-Fast SSD storage, and up to 12TB optional HDD storage.

The internal battery will give you over 8 hours of scaled out server uptime and nearly a week of minimal server usage. The MDC also features a full LCD display and charging status lights.

REAR PANEL VIEW



SPECIFICATIONS

Size	21.7"	14.1"	8.9"
	Length	Width	Depth
Weight	Approximately 45 lbs with 4 batteries and 22 BioDigitalPC®/MobylPCs		
Power	DC: 12-32 VDC AC: 85-265 VAC, 47-63 Hz		
System Includes	Up to 22 BioDigitalPC®/MobylPC Server Cards 22-88 CPU cores 88 CPU threads 44-176GB DDR3 RAM and up to 2.8TB SSD with up to 12TB HDD(Optional) Over 8 hours of scaled out server uptime		

Military Battery UPS System: NSN: 6140-01-553-3527 Consists of 4 each Military approved UBI 2590 lithium rechargeable batteries for 12-36 volts DC operation and charging. Features a full LCD displays and charging status lights. **Energy:** 207Wh each battery
Approved for Class 9 International transportation