

# Moby1 Cloud Data Center

The Moby1 Data Center comes equipped with 22 BioDigitalPC®/ MobyIPC Server docking stations along with the hubs to form a cohesive network between a scalable server cluster.



## Cohesive networking

The MDC can be scaled from one server to 22 complete servers simply by plugging in more BioDigitalPC®/MobyIPC 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®/MobyIPC 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®/MobyIPC Server Cards.

When completely scaled out the MDC will allow for 22 BioDigitalPC®/MobyIPC 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.

## Specifications:

- Supply: 12 to 32 VDC.
- Size: 552 x 358 x 226mm (W x H x D).
- Power: 207W each battery.
- Up to 22 BioDigitalPC®/MobyIPC 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.
- Features a full LCD displays and charging status lights.
- Approved for Class 9 International transportation.

