

## SR-20RM

The SR10-RM20 is a standard 19" (24" deep) 2U rack mountable server that consolidates up to 20 local desktop computers with your sensitive data. Each local desktop computer consists of a BioDigitalPC® card delivering KVM-over-IP (Keyboard, Video and Mouse) functionality to server administrators connected remotely up to (N)ft.

A simple to use web-based GUI, called ROMware (Remote Operations Management software), is available to the user, providing the ability to monitor and manage power to the system and individual BioDigitalPC® cards.

In addition, the SR10-RM20 comes with a front panel 3.5" touch screen display user interface to monitor and control the power to each of the 20 BioDigitalPC® cards. The front panel also includes link LEDs for each of the 60 NICs and a power button.

The SR10-RM20 can be scaled from 1 to 20 desktop computers over one classified network simply by plugging in a BioDigitalPC card into an available slot. When completely scaled out, the SR10-RM20 consolidates 20 BioDigitalPC® cards containing 20 to 80 CPU cores, up to 640GB of DDR4 RAM, and up to 20TB of onboard NVMe SSD storage. Even though the SR10-RM20 delivers such an incredible compute power it runs at room temperature without the need for additional cooling.



### Tech Specs

<b>SKU</b>	ADDC-SR20-RM
<b>Size</b>	3.5"H x 19" W x 24"D
<b>Weight</b>	17 lbs fully loaded with 20 BioDigitalPC® cards
<b>AC Power</b>	100 - 240V, single phase, dual power supply
<b>Power Usage</b>	500W fully loaded with 20 BioDigitalPC® cards
<b>Max Server Cards</b>	20 BioDigitalPCs® x86 servers 2-4 CPU cores (4-8 threads) per server card Up to 32GB of DDR4 RAM per server card Up to 1TB onboard NVMe SSD per server card (2TB soon)
<b>Remote Management</b>	(1) Remote Power Management Web GUI
<b>SR-10 Modules</b>	2
<b>Each SR-10 Module Includes</b>	Max (10) BioDigitalPC® Server Cards (1) Integrated Layer 2 Switch, with: (2) 10Gb SFP+ connections (1) RJ-45 1Gb connection (1) RJ-45 1Gb Switch Web GUI connection (1) RJ-45 10/100Mbps switch management port