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 320GB 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

SKU	ADDC-SR20-RM
Size	3.5"H x 19" W x 16"D
Weight	17 lbs fully loaded with 20 BioDigitalPC® cards
AC Power	100-240V, single phase, dual power supply
Power Usage	500W fully loaded with 20 BioDigitalPC® cards
Max Server Cards	20 BioDigitalPC® x86 servers
	2-4 CPU cores (4-8 threads) per server card
	8-16GB of DDR4 RAM per server card (32GB soon)
	1 TB onboard NVMe SSD per server card
Remote Management	(1) Remote Power Management Web GUI
SR-10 Modules	2
Each SR-10 Module Incl.	(10) BioDigitalPC® Slots
	(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

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