

SR20-RM

The SR20-RM is a standard 19" (17" 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 SR20-RM 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 SR20-RM 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 SR20-RM 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 SR20-RM delivers such an incredible compute power it runs at room temperature without the need for additional cooling. Proudly made in the USA. **TAA Compliant.**



Tech Specs

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| SKU | ADDC-SR20-RM |
| Size | 3.5"H x 19" W x 17"D |
| Weight | 16.4lbs (19 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 BioDigitalPCs® x86-64 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) |
| Remote Management | (1) Remote Power Management Web GUI |
| SR-10 Modules | 2 |
| Each SR-10 Module Includes | 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 |