# Frequently Asked Questions

## EMX
### Smart Rack Controller and Sensors

| Question | Answer |
|---|---|
| **Overview** | |
| *What is the purpose of the EMX?* | The EMX brings connectivity for Raritan sensors, serial devices, KVM switches, USB devices and Ethernet connections to IT racks. If a data center has Raritan PX® rack PDUs, then these connections are supported. But if the data center uses other rack PDUs, the EMX provides up to eight sensor, serial and KVM switch connections, as well as others, in a 1U form factor. One EMX can support sensors and other devices for several racks. |
| **Hardware** | |
| *What ports are available on the EMX?* | The EMX has 1-Wire ports for Raritan sensors as well as the following ports: RS-485, KVM, DB-9 console, Ethernet, and USB-A and USB-B. |
| **Interoperability** | |
| *How does EMX fit into Raritan's data center solutions?* | The EMX serves as an SNMP gateway between Raritan's sensors, Raritan's KVM switches, consoles and USB devices and, via Ethernet, connects to Raritan's software solutions such as Power IQ® energy management software and dcTrack® DCIM software. |

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