



SmartCabinet™



Intelligent, Integrated Infrastructure Solution in an Enclosure



SmartCabinet™ is a new approach to providing a Micro Datacenter, a complete IT infrastructure solution that contains enclosure, uninterruptible power, thermal management, power distribution, monitoring and infrastructure management all in a simple packaged solution. It is a fully integrated, industry-leading plug-and-play solution with a ready to use IT cabinet space.

It eliminates the need to build complex computer rooms which dramatically improves the speed of system deployment compared to the traditional approach.

SmartCabinet™ is pre-configured, pre-installed, and factory tested to ensure system compatibility and is ready to use from day one.

Applications

- **Branch locations** for finance, retail stores and large enterprises
- **Small & medium sized** businesses, government, schools, universities, hospitals, medical practices, law firms
- **Warehouses or mobile sites**, where an IT room is unavailable
- **Manufacturing sites** for automation control and network access
- **Edge computing and telecommunications sites**



Features and Benefits

- **Fully integrated:** No dedicated IT room is required; complete data center infrastructure in a single enclosure; sturdy data center grade cabinet, thermal management, power distribution, secured power, monitoring and security for IT applications
- **Complete solution and service from one hand:** Engineered, factory assembled and tested; highly efficient, secure and reliable
- **Fast and easy deployment:** Plug-and-play, ready to use from day one; eliminates the need to design, refurbish or build dedicated networking or computer rooms.
- **Substantially reduced TCO** compared to traditional construction; lower investment, faster deployment and better efficiency

Infrastructure Components

- **Cabinet:** Vertiv™ Knürr® MIR2 data center grade server and network cabinet IP20 (perforated doors) / IP40 (glass door), 24 or 42 U, aluminum frame, 800 kg payload, plinth on casters, air separation, mechanical or electronic door lock, comprehensive accessories
- **PowerDistribution:** Vertiv™ MPH2™ metered / managed data center grade rack PDU; highest level of availability and energy efficiency, 60°C temperature rating
- **UPS and Batteries:** Liebert® GXT4™ true online UPS for mission critical equipment, 3 or 5 kVA, 2 or 5 U; monitoring center for UPS, temperature, Liebert® IntelliSlot™ web card
- **Temperature / Humidity / Door Access sensors**
- **Thermal Management and Emergency Fans (IP40 cabinet):** Roof-top compact cooling unit 0.8 - 3.8 kW variable cooling, auto-adaptation to IT load; EC fans. Highly energy efficient self-contained cooling; redundancy by failure activated fans
- **Smoke Detection / Fire Extinguisher:** Point smoke detector or 2U fire extinguishing unit, NOVEC 1230 gas, highly sensitive smoke detection and automated reliable fire suppression alarming, dry contact connection to building fire alarm.






Three pre-defined configuration levels

- **basic:** for non-critical networking applications with demand for uninterrupted power
- **eco:** for critical networking and computing applications with increased demand for availability and security
- **top:** for critical computing applications with highest demand for availability and security

Standard Products

- Available models
- Features
- Technical data
- Dimensions and weights
- Order numbers
- All models CE, 230 V 1ph, 25 Amp, 50 Hz

	basic	eco	top
	1x UPS 1 x metered PDU mechanical lock	1x UPS 2 x metered PDU mechanical lock smoke detector* T/H sensor door contact 3x dry contact	2x UPS (2n) 2 x managed PDU electronic lock smoke detector* fire extinguisher** T/H + T sensor door contact 3x dry contact
	01.205.001.1 24 U gross space 22 U usable space approx. 210 kg	01.205.004.1 24 U gross space 22 U usable space approx. 220 kg	01.205.007.1 24 U gross space 20 U usable space approx. 260 kg
	01.205.010.1 24 U gross space 22 U usable space approx. 330 kg 64 dB(A) @ 1m sound pressure	01.205.013.1 24 U gross space 18 U usable space approx. 370 kg 64 dB(A) @ 1m sound pressure	
	01.205.003.1 42 U gross space 37 U usable space approx. 260 kg	01.205.006.1 42 U gross space 37 U usable space approx. 270 kg	01.205.009.1 42 U gross space 32 U usable space approx. 340 kg

* IP 20 enclosure ** IP40 enclosure

Pre-installed options

	Order number	Weight	U-space
ext. battery +22 min @ 2k VA	GXT4-72VBATTE	25 kg	2
ext. battery +25 min @ 3.5 kVA	GXT4-240VBATTK	65 kg	4

Remote Monitoring

- Compatible with Trellis™, DSView™ and other SNMP based software suites

Remote IT Management

- Avocent® ACS 8000 Serial Consoles and LCD Local Rack Access Consoles on request

Service

- Deployment, start-up and maintenance services available in virtually any location
- Vertiv™ LIFE™ Services provide remote diagnostics and preventive monitoring service



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