EcoStruxure™ Micro Data Center Reference Design

3kW 120V supporting 1-3 servers

Purpose-built and pre-validated solutions for Dell Technologies Enterprise Solutions.

Together with Dell Technologies, Schneider Electric provides compatible physical infrastructure solutions that are integrated, pre-engineered, and pre-validated, lowering your time-to-market and deployment. Our joint solutions minimizes on-site and remote management as well as change management costs.

3kW 120V supporting 1-3 servers for Remote Office/Branch Office and SMB solutions

	Enterprise Solution Details		
	Server	2	Dell VxRail
	Switch	1	Dell Switch
★	Rack	1	AR106V APC NetShelter C Series 6U with Shock Pallet
★	Smart UPS	1	APC Smart-UPS SRTL3KRM1UNC Ultra 3kW 120V with NMC
★	rPDU	1	AP7900B APC Rack PDU, Switched, 1U, 15A, 100/120V, (8)5-15 (only if switched outlets are needed)
	NetBotz 750	1	NetBotz Rack Monitor 750
	NetBotz Door Switch Sensors	1	NBES0303(2) for an APC Rack - 12 ft.
	NetBotz Camera Pod 165	1	NBPD0165
	Options		
	Software		PowerChute Network Shutdown
	Software		EcoStruxure™ IT Expert and IT Advisor
	Services		Monitoring and Dispatch Services, Lifecycle Services
	Enclosures		Also available in a commercial C-Series and ruggedized R-Series models

* Part numbers will differ according to country requirements

Front

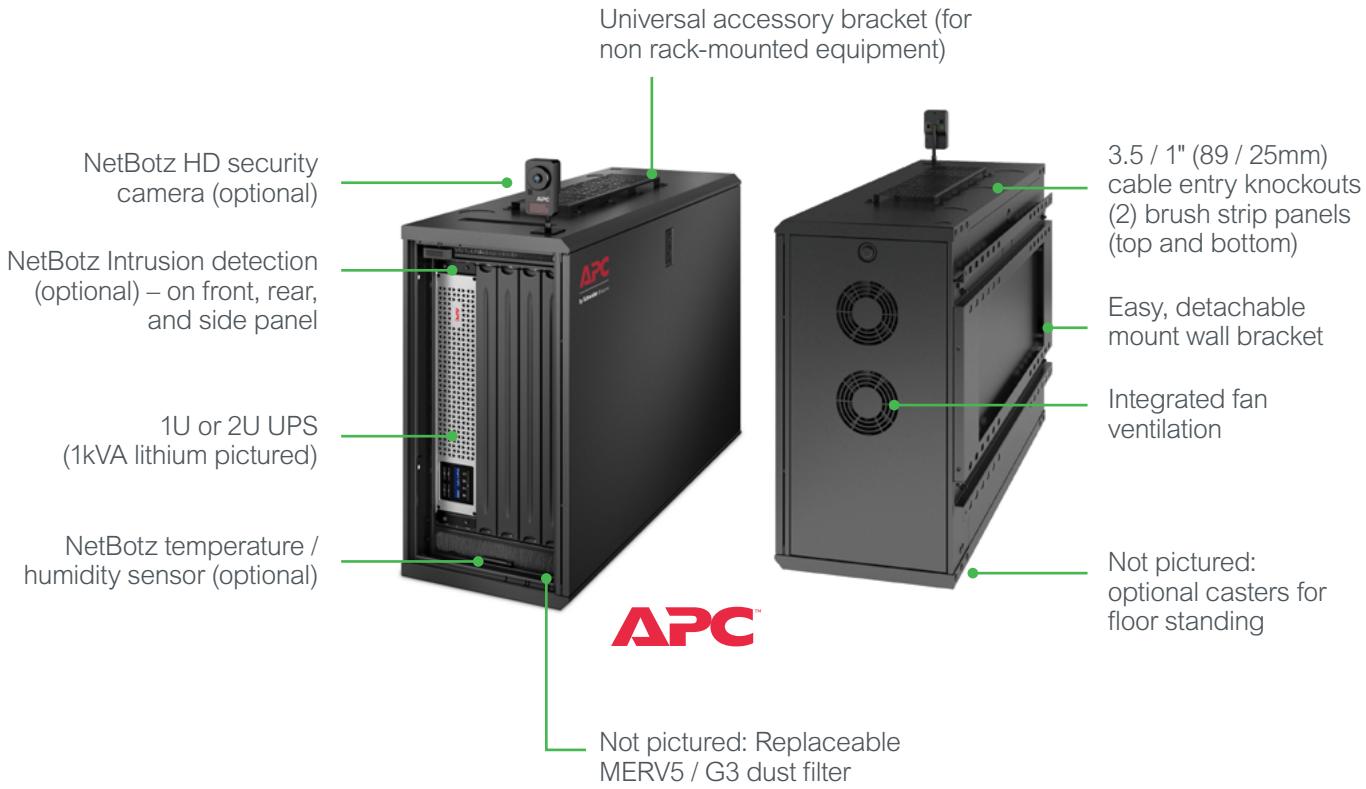
Back

*Configurable via Local Edge Configurator on Design Portal: designportal.apc.com

★ A recognized leader of global sustainability, Schneider Electric™ manufactures eco designed products that are healthier, transparent with environmental and regulatory information, that will help you achieve your sustainability efforts.

Learn more: Green Premium

As the industry leader in integrated physical infrastructure and software, Schneider Electric™ and its APC offers provide reliable and innovative solutions that help keep the power on, and the data flowing.
That's Certainty in a Connected World.



Features and Benefits

Unique low-profile design – Extends less than 13” (330 mm) off of the wall while supporting equipment up to 30” (762 mm) deep, including 1 and 2U hyperconverged servers, UPS, and network switches

Enhanced physical security – protect against physical and environmental threats with camera monitoring, keylock doors, intrusion detection, temperature/humidity monitoring, leak detection, and more (Not the keycard handle!)

High weight load capacity – Supports equipment up to 250lbs (113kg) of total load

Integrator Ready – Shock Packaging allows all equipment to be pre-integrated into the enclosure before it arrives on-site, speeding up and standardizing deployments

Air filtration and ventilation – Replaceable MERV 5/G3 dust filter and integrated fans allow equipment to be placed in dusty and light industrial environments

Remote monitoring – EcoStruxure IT cloud-based platform provides a centralized, real-time monitoring solution for distributed deployments

Wall mount or floor standing – The detachable wall bracket and optional casters allow the enclosure to be mounted on the wall or floor, depending on the site requirements

Non-rack mounted equipment – Universal bracket on top of the unit allows non-rack mounted equipment like gateways and IoT devices to be secured on the enclosure

Shareable rack U space – 4 post design allows some equipment to be mounted on front and back rack U space

Easy installation on wall – A detachable wall bracket makes installation very easy, similar to mounting a flat screen TV

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