



Save time.
Save money. Simplify.

EcoStruxure™ Micro Data Center for Rugged Environments

Solution at a Glance

IIoT and Industry 4.0 transformations mean that critical IT and OT equipment is moving closer to where it's used. That's why Schneider Electric™ has expanded its line of EcoStruxure™ Micro Data Center R-series to include all new NEMA and IP ratings for harsh environments. It's everything you already love about EcoStruxure Micro Data Center – a complete, simple-to-deploy, simple-to-manage solution – fine-tuned for industrial use.



Up and running in weeks, not months.



Costs 42-48% less than typical data center build!



Securely manage from anywhere.

Secure physically to ensure cybersecurity

- NEMA & IP rating for harsh environments
- Essential access control
- Environmental monitoring & alerts
- Remote video surveillance

Proactively manage with three flexible options

Do-it-yourself

Let a partner manage

Let us monitor & service

All supported by our EcoStruxure IT™ management platform



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Life Is On



R-Series model comparison

Made for indoor environments with dust, moisture, and wide temperature changes.



	NEW 16U Wall mounted	NEW 24U	NEW 42U	NEW 42U W (Wide)	42U HD (High Density)
Enclosure (Part No.)	NSYVDM16U4P	NSYSFRSEDC12680	NSYSFRSEDC20680 NSYSFRSEDC206100	NSYSFRSEDC208100 NSYSFRSEDC208120	PFMSB50042NA PFMSB51042NA
H x W x D (mm)	800 x 600 x 400	1300 x 600 x 800	2100 x 600 x 800 2100 x 600 x 1000	2100 x 800 x 1000 2100 x 800 x 1200	2432 x 1070 x 1580 (w/ casters)
H x W x D (in)	31.5 x 23.6 x 15.8	51.2 x 23.6 x 31.5	82.7 x 23.6 x 31.5	82.7 x 31.5 x 39.4	96 x 43 x 63 (w/ casters)
			82.7 x 23.6 x 39.4	82.7 x 31.5 x 47.3	
Total Rack U Space	16U	24U	42U	42U	42U
Available Rack U Space	Configuration dependent	Configuration dependent	Configuration dependent	Configuration dependent	Configuration dependent
NEMA / IP Rating	IP66 / IP54	NEMA 12 / IP54	NEMA 12 / IP54	NEMA 12 / IP54	none
Power					
Maximum IT Load	500W	1.5kW	2kW	2kW	4.8kW / 8kW
UPS Capacity	500 VA	1 - 1.5kVa	1 - 3kVa	1 - 3kVa	5kVA / 8kVA
UPS Runtime	Configuration dependent	Configuration dependent	Configuration dependent	Configuration dependent	3.5min / 5min
Power input	208V, 230V	208V, 230V	208V, 230V	208V, 230V	208V, 230V
Ventilation / Active Cooling					
Cooling capacity	up to 0.5kW	up to 1.5kW	up to 2kW	up to 2kW	5kW / 10kW
Cooling Type	Fan Ventilated (IP54 when ventilated)	Fan Ventilated	Fan Ventilated	Fan Ventilated	Self-Contained / Split DX
Security					
Security Options	Yes (Phone, App, Web)				
Environmental Sensing Options	Yes				
Deployment					
Pre-installed IT	No				Yes
Assembly / Warranty	Ships fully assembled / 1 year warranty				

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Schneider Electric Industries SAS
35, rue Joseph Monier – CS30323
F92506 Rueil-Malmaison Cedex
www.schneider-electric.com

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