

ONErack™

Mounting, powering and cooling system for small devices

Key Features

- Universal mounting for any brand
- Variable DC voltages from single power supply
- Active fan cooling system for high density applications
- Available in 3 sizes; 4RU, 5RU, 6RU
- Power up to 32 devices in 4RU, 64 devices in 5 or 6RU
- Each slot can provide 2 different voltages at the same time
- Each slot has 7 different voltage settings
- Pass thru allows for custom powering options
- Fast easy installation of small devices
- Simple, time saving serviceability



Overview

ONErack is a universal, powered mounting system that vastly improves rack installation of small devices. tvONE's patent pending design converts randomly sized, externally-powered devices from any manufacturer into slide-in modules that can be installed quickly and cleanly and serviced easily. Chassis are available in 4RU, 5RU and 6RU and can hold up to 16 modules with up to 2 voltage selectors each. When using the ONErack Power Supply, each voltage selector, can provide power @ 5V, 7.5V, 9V, 12V, 13.5V, 18V, & 24V up to 35 watts. A pass thru is also available for custom power sources. Each ONErack Chassis can include 1 or more Power Supplies for added power which can also feed additional chassis, providing a clean power solution for all mounted devices. For service, just slide out a failed device, no cable ties, no guessing. Close the front of your ONErack with a Fan cover and keep it all cool. Up to 32 devices in just 4RU, powered and cooled!

Specifications

Chassis	
Size D+H+W	4RU; 14in x 7in x 19in (366mm x 177mm x 483mm) 5RU; 14in x 8.7in x 19in (366mm x 221mm x 483mm) 6RU; 14in x 10.43in x 19in (366mm x 265mm x 483mm)
Weight (empty)	4RU; 6.3lbs (2.88kg), 5RU; 7.5lbs (3.38kg), 6RU; 8.6lbs (3.88kg)
Module weight	4RU; 0.98lbs (0.44kg), 5RU; 1.15lbs (0.52kg), 6RU; 1.33lbs (0.6kg)
Area per slot**	4RU; 60.1in ² (387cm ²), 5RU; 80.9in ² (522cm ²), 6RU; 101.6in ² (655cm ²)
Power per dock	max 35w
Power per slot	two voltage selectors @ 35w each (2 nd Voltage Selector is optional)
DC Voltages per slot	5V@7A, 7.5V@4.7A, 9V@3.9A, 12V@2.9A, 13.5V@2.6A, 18V@1.9A, 24V@1.5A & Pass Thru
Pass Thru max	35 watts DC
Certifications	RoHS, CE, UL, FCC Class A
Max modules	16 (with internal PSU; 14)
PSU	
Size D+H+W	4RU; 12.6in x 5.67in x 1.74in (318mm x 144mm x 44mm) 5RU; 12.6in x 7.41in x 1.74in (318mm x 188mm x 44mm) 6RU; 12.6in x 9.14in x 1.74in (318mm x 232mm x 44mm)
Weight	4RU; 3.3lbs (1.48kg), 5RU; 3.9lbs (1.76kg), 6RU; 4.5lbs (2.04kg)
Main Output voltage	28v DC
Main output power	250w
Fan output voltage	12v DC
Fan output power	11w
BTU	1195 BTU
Certifications	RoHS, CE, UL, FCC Class A
AC input Voltage	90-264v AC
Thermal	0° - 40° C
Outlets Available	2x 28v DC daisy chainable (rear) 2x fan 12v DC (1x front, 1x rear) 1x 28v DC service output (front)
Fan Cover, reversible	
Airflow	225 CFM max
Consumption	6W max
Speed Adjustment	100% down to 50%
Power	12v DC
Certifications	RoHS, CE, UL, FCC Class A

** Additional Voltage Selector requires 4.8in² (31cm²)

1RK-4RU-BASIC-KIT 1RK-5RU-BASIC-KIT 1RK-6RU-BASIC-KIT	The ONErack Basic Kit contains: 1 chassis & 6 modules.
1RK-4RU-KIT 1RK-5RU-KIT 1RK-6RU-KIT	The ONErack Kit contains: 1 chassis, 6 modules and a 250w Power Supply.
1RK-4RU-MOD-3 1RK-4RU-MOD-5 1RK-5RU-MOD-3 1RK-5RU-MOD-5 1RK-6RU-MOD-3 1RK-6RU-MOD-5	The ONErack Module 3 & 5 packs contain: modules, Voltage Selectors, Rear docks, Chassis mounting accessories, and PSU cables
1RK-4RU-PSU 1RK-5RU-PSU 1RK-6RU-PSU	The ONErack Power supply kit contains a 250w power supply, chassis mounting accessories, and PSU cables
1RK-4RU-FAN 1RK-5RU-FAN 1RK-6RU-FAN	The ONErack Fan cover contains 1 fan cover & PSU connector cable to be powered by 1RK-XRU-PSU
1RK-4RU-CVR-BLK 1RK-5RU-CVR-BLK 1RK-6RU-CVR-BLK	A Blank cover for your ONErack Chassis
1RK-4RU-CVR-PLEXI 1RK-5RU-CVR-PLEXI 1RK-6RU-CVR-PLEXI	A Windowed cover for your ONErack Chassis

Mount it. Power it. Cool it. Do it, with the ONErack.

