

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

Specifications

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|------------------------------|--|
| Chassis | |
| Size D+H+W | 4RU; 14 x 7 x 19" (366 x 177 x 483mm) 5RU; 14 x 8.7 x 19" (366 x 221 x 483mm) 6RU; 14 x 10.43 x 19" (366 x 265 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) |
| Warranty | 1 year |
| PSU | |
| Size D+H+W | 4RU; 12.6 x 5.67 x 1.74" (318 x 144 x 44mm) 5RU; 12.6 x 7.41 x 1.74" (318 x 188 x 44mm) 6RU; 12.6 x 9.14 x 1.74" (318 x 232 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)



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!

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| 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-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 |