Product Line

PI-RACK

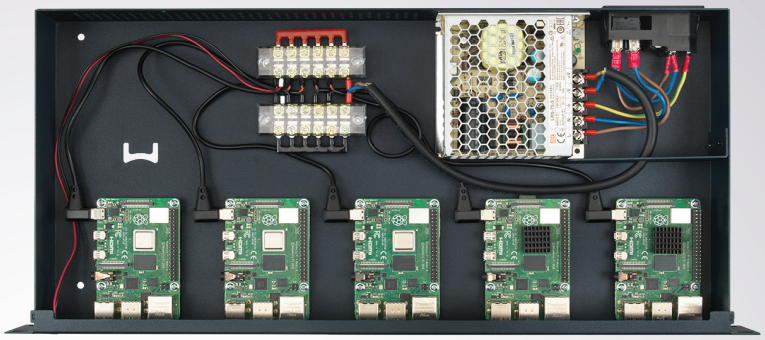
Type

RM-PI-T1

Supported Models RASPBERRY PI 4

DIMENSIONS	1U
COLOR	Metallic Dark Blue
PRODUCT DIMENSIONS (height x width x depth)	44 x 482 x 217 mm 1.73 x 18.98 x 8.54 in





MOUNTING INSTRUCTIONS

1. Remove the square metal plates in case you want to install a coupler (for example HDMI) before fixing the Raspberry PI's on the rack. Quantity depending on the amount of Raspberry PI's to be installed.
   WARNING: beware of possible sharp edges after removing the metal plates!
2. Place your Raspberry PI on the rack with the connections facing the square holes and use four bolts per Raspberry PI to fix it on the rack.
   To ensure proper ventilation we would advise you to install a (passive) cooling fin on each processor.
   Choose for passive or active cooling depending on the cooling method of your server.
3. Connect the USB-C cable to the Raspberry PI.
4. Place the lid on the rack and slide it towards the front until it is fully closed.
5. Use two M3x6-FLAT bolts to fix the lid on the rack. The screw holes are located on the back of the rack.
6. Plug in the power cord and then turn on the power with the power switch on the back of the rack.
   WARNING: Ensure to always turn off the power and detach the power cord before removing the lid from your PI-Rack.
   Note: if the light of the power converter does not light up after turning on the power, please check the fuse next to the power switch. When you need to replace the fuse, use 800mA/250V AC.
7. Place your PI-Rack in your 19 inch rack.

Rackmount.IT is not responsible for damages or possible injuries caused by improper use, misuse, operating the PI-Rack and/or Raspberry PI 4 outside it's operating temperatures, and/or other conditions as humidity percentage, and/or cooling requirements. For further information about features and specifications, see next page.

PACKAGE CONTENTS

Qty	Description
1	PI-Rack
20	Bolts M2.5x4mm
2	Bolts M3x6mm-FLAT

Consider the environment, recycle where applicable.

Rackmount.IT rack mount kits are RoHS compliant, developed & manufactured in the Netherlands and made of first quality parts.

In case of problems please contact your reseller or sales@rackmount.it.

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RACKMOUNT.IT

Product Line

PI-RACK

Type

RM-PI-T1

Meanwell LRS-75-5 AC DC

FEATURES

- Universal AC input / Full range
- Withstand 300VAC surge input for 5 second
- No load power consumption <0.2W
- High operating temperature up to 70°C
- Protections: short circuit / overload / over voltage
- Cooling by free air convection
- Compliance to IEC/EN 60335-1 (PD3) and IEC/EN61558-1,-2,-16 for household appliances
- Operating altitude up to 5000 meters
- Witstand 5G vibration test
- LED indicator for power on
- 100% full load burn-in test

SPECIFICATIONS

Output	DC Voltage	5V
	Rated current	14A
	Current range	0 ~ 14A
	Rated power	70W
	Voltage ADJ. range	4.5 ~ 5.5V
Input	Voltage range	85 ~ 264VAC 120 ~ 373VDC
	Efficiency (Typ.)	86.5%
Protection	Over load	110 ~ 150% rated output power
		Protection type: hiccup mode, recovers automatically after fault condition is removed.
	Over voltage	5.75 ~ 6.75V
		Protection type: shut down o/p volrage, re-power on to recover.
Environment	Working temp.	-30 ~ +70°C
	Working humidity	20 ~ 90% RH non-condensing
	Storage temp. humidity	-40 ~ +85°C, 10 ~ 95% RH
	Temp. coefficient	±0.03%/°C (0 ~ 50°C)
	Vibration	10 ~ 500Hz, 5G 10min./1 cycle, 60 min. each along X, Y, Z axes

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