

AC INFINITY



CLOUDPLATE T5 PRO 1U Quiet Rack Cooling Fan System with Rear Exhaust

AI-CPT5

SKU: 172633 UPC: 819137020009

An intelligent cooling fan system designed to be mounted onto a wide range of 19-inch racks requiring quiet or high airflow cooling. Maintaining an optimal temperature for rack-mount equipment prevents overheating, ensures constant performance, and extends their lifespan. The LCD digital controller features a programmable thermostat with automated speed control, alarm warnings, status alerts, and backup memory. The system is housed in a solid aluminum construction that takes up one rack units of space (1U). Each aluminum frame is anodized with a light-brush finish, then the corners CNC-machined and edges symmetrically cut for a high-end professional appearance. This model holds three custom-engineered dual-ball bearing fans rated at 67,000 hours, and certified by CE and RoHS. The fans are set to exhaust out heated air out the rear and should be positioned near the top of the rack; a front exhaust version of this model is available, sold separately. This complete kit includes the 1U fan unit, corded 6-ft thermal probe, user's manual, rack mount screws, cage nuts, and corded 6-ft power plug cord.

Programming includes an easy-to-use thermostat and a SMART mode that automatically adjusts the fan's speed to react to varying temperatures. Additional features include alarm alerts, fan failure triggers, power savings setting, display lock, and backup memory. Six fan speeds are available with three screen brightness settings. Behind the unit is an expansion port that can control another CLOUDPLATE unit or an AC Infinity rack roof dual-fan kit.

This 1U rack cooling system features programmable fan speed control, enabling it to work for a wide range of rack mount applications. With a noise level that can reach 9 dBA, the fan system can be used for environments where low or minimal noise is required such as home theater, studio, DJ, and audio video racks. A max airflow rating of 180 CFM will provide sufficient cooling to server, network, IT and equipment racks requiring high airflow. This fan system contains premium dual-ball bearings, allowing it to be mounted horizontally or vertically

Feature

- An intelligent fan system designed for cooling audio video, DJ, server, network, and IT equipment racks.
- Protects rack-mount equipment from overheating, performance issues, and shortened lifespans.
- Programmable thermostat controller with automated speed control, alarm warnings, and backup memory.
- Premium anodized aluminum construction with CNC-machined detailing for a professional appearance.
- Design: Rear Exhaust
- Airflow: 40 to 180 CFM
- Noise: 9 to 32 dBA
- Bearings: Dual Ball
- Size: 1U Rack Space

Product and Mounting Dimensions

Total Dimensions	19 x 1.75 x 13.5 in. (48.2 x 4.4 x 34.3 cm)
Rack Mount Size	One Rack Unit (1U)
Screw Hole Size	.24 x 0.35 in. (6.1 x 9.0 mm) Obround
Hole to Hole Distance	18.2 x 1.25 in. (46.4 x 3.175 cm)

Display Size	2.25 x 0.75 in. (4.7 x 1.9 cm)
Probe Length	72 in. (6 feet)
Cord Length	72 in. (6 feet)
Product Performance and Technical Specs	
Design	Rear Exhaust
Total Airflow	40 to 180 CFM
Total Noise	9 to 32 dBA
Static Pressure	2.56 mm-H ₂ O
Operating Voltage	12V DC
Power	8 W
Current	0.67 A
Wall Adapter Input	100 to 240V AC
Operating Humidity	35 to 85% RH
Operating Temperature	0 to 158°F
Fan Bearings	Dual Ball
Mounting Positions	Horizontal or Vertical
L10 Life Expectancy	67,000 Hours