RACK CABINETS

Smart Rack Plus Connect 19″ floor-standing rack cabinet

New Design **New Packaging**

DESCRIPTION

High-performance rack with WiFi connectivity, hysteresis control, alarm alerts sent to the Ek Smart app, and a load capacity of up to 800 kg for network and communications electronics. Elegant design and easy to assemble in battery mode. Includes 4 height-adjustable feet, 4 wheels, 1 ventilation panel (4 fans) with digital thermostat, and 1 fixed 1U tray. Tempered glass or perforated metal door for better ventilation and removable lockable side panels. Standard color: Black RAL 9005. Other RAL colors available upon request.

APPLICATIONS

- Electronics
- Networks
- Communications
- Fiber distribution
- Servers up to 800 kg

OPENETICS / ADALTRA

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ADVANTAGES

• Robust and elegant design.
• Easy to assemble in battery configuration.
• Front door made of tempered glass or perforated metal, with lock and key.
• Reversible rear door made of sheet metal with lock and key.
• Easily removable side panels with lock and key.
• Large cable entry capacity in floor and ceiling.
• Front vertical cable guides with hinged covers in 800 mm wide cabinets.
• Ready for installation of vertical PDUs without taking up U space.
• Numbered sliding front and rear guides with "U" shape.
• Adjustable feet (x4).
• Wheels (x4).
• Ventilation panel (4 fans) with digital thermostat.
• Fixed tray 1 U.
• Grounding included.
• 19" WiFi unit for temperature control and alarms via EK Smart.
• Full range of accessories available.
• IP20 protection rating.
• Warranty: 5 years.

REGULATIONS

Dimensions and format of 19" racks	DIN 41.488 Part 1
Mechanical components and rack accessories	DIN 41.494 Parts 7 and 8
Dimensions and design of subracks and chassis	IEC 60297-2 and 3
Racks and frames for electronic equipment	UNE 20539-1 and UNE 20539-2
American standard for 19" racks	ANSI/EIA-310-D
Restriction of hazardous substances	RoHS
Compliance with European safety and quality directives	EC

TECHNICAL SPECIFICATIONS

Material	Cold-rolled steel UNE 36086-91
Color	Black RAL 9005 (check other available colors)
Maximum load	800 kg for 800x800, 800x1000, 600x600, 600x800, and 600x1000 racks up to 32U. 600 kg for racks less than 32U and 600 mm wide
Height	43.5 inches / 51 inches / 60.5 inches / 79 inches / 87 inches
Width	600 mm / 800 mm
Depth	600 mm / 800 mm / 1000 mm

Frame height	22 U, 27 U, 32 U, 42 U, and 47 U
Packaging unit	1
Front door	Glass, perforated, solid metal, double solid metal, or double perforated with lock and key
Rear door	Solid metal, perforated metal, or double perforated metal with lock and key
19″ profiles	4 numbered U-shaped mounting rails
Side panels	Removable panels with lock
Cable entry	Superior and/or inferior
Adjustable feet	Included
Wheels	Included
Ventilation panel	Included
Fixed trays	Includes 1 fixed 1U tray
Vertical cable guide with cover and hinges	Included in the 800 mm wide models
Screws	Included
WiFi connectivity	Yes
Hysteresis control	Yes
Alarms to the EK Smart app	Yes

COMMERCIAL INFORMATION

REFERENCE	COLOR	NO. U	STOP	WIDTH	PROF.	DOOR FORWARD	DOOR BACK
2266VCW*	Black RAL 9005	22 U	1093	600	600	Glass	Blind metal
2766VCW	Black RAL 9005	27 U	1300	600	600	Glass	Blind metal
2768VCW	Black RAL 9005	27 U	1300	600	800	Glass	Blind metal
2788VDCW	Black RAL 9005	27 U	1300	800	800	Glass	Double metal blind
2761VCW	Black RAL 9005	27 U	1300	600	1000	Glass	Blind metal
3266VCW	Black RAL 9005	32 U	1540	600	600	Glass	Blind metal
3268VCW	Black RAL 9005	32 U	1540	600	800	Glass	Blind metal
3288VDCW	Black RAL 9005	32 U	1540	800	800	Glass	Double metal blind
3281VDCW	Black RAL 9005	32 U	1540	800	1000	Glass	Double metal blind

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ADALTRA

COMMERCIAL INFORMATION

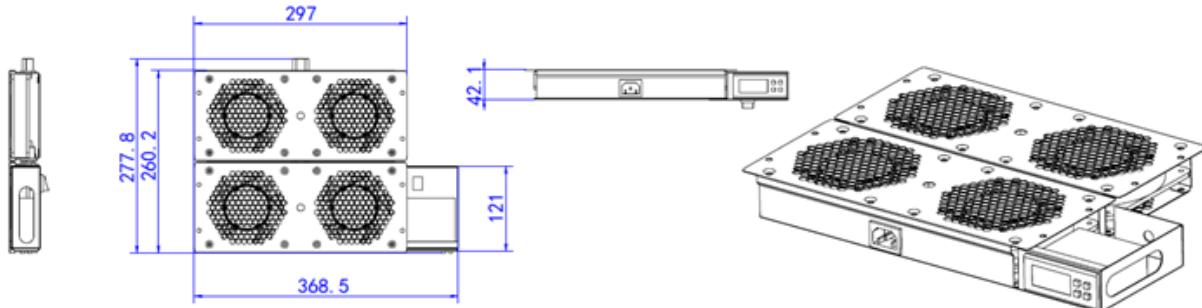| REFERENCE	COLOR	NO. U	STOP	WIDTH	PROF.	DOOR FORWARD	DOOR BACK
4266VCW	Black RAL 9005	42 U	2000	600	600	Glass	Blind metal
4268VCW	Black RAL 9005	42 U	2000	600	800	Glass	Blind metal
4261VCW	Black RAL 9005	42 U	2000	600	1000	Glass	Blind metal
4288VDCW	Black RAL 9005	42 U	2000	800	800	Glass	Double metal blind
4281VDCW	Black RAL 9005	42 U	2000	800	1000	Glass	Double metal blind
4788VDCW*	Black RAL 9005	47 U	2200	800	800	Glass	Double metal blind
4781VDCW*	Black RAL 9005	47 U	2200	800	1000	Glass	Double metal blind
2268PPW*	Black RAL 9005	22 U	1093	600	800	Perforated	Perforated
2766PPW	Black RAL 9005	27 U	1300	600	600	Perforated	Perforated
2768PPW	Black RAL 9005	27 U	1300	600	800	Perforated	Perforated
2788PDPW	Black RAL 9005	27 U	1300	800	800	Perforated	Double perforated
2761PPW	Black RAL 9005	27 U	1300	600	1000	Perforated	Perforated
3266PPW	Black RAL 9005	32 U	1540	600	600	Perforated	Perforated
3268PPW	Black RAL 9005	32 U	1540	600	800	Perforated	Perforated
3288PDPW	Black RAL 9005	32 U	1540	800	800	Perforated	Double perforated
3261PPW	Black RAL 9005	32 U	1540	600	1000	Perforated	Perforated
4266PPW	Black RAL 9005	42 U	2000	600	600	Perforated	Perforated
4268PPW	Black RAL 9005	42 U	2000	600	800	Perforated	Perforated
4261PPW	Black RAL 9005	42 U	2000	600	1000	Perforated	Perforated
4288PDPW	Black RAL 9005	42 U	2000	800	800	Perforated	Double perforated

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COMMERCIAL INFORMATION

REFERENCE	COLOR	NO. U	STOP	WIDTH	PROF.	DOOR FORWARD	DOOR BACK
4281PDPW	Black RAL 9005	42 U	2000	800	1000	Perforated	Double perforated
4288DPDPW*	Black RAL 9005	42 U	2000	800	800	Double Perforated	Double perforated
4281DPDPW*	Black RAL 9005	42 U	2000	800	1000	Double perforated	Double perforated
4788DPDPW*	Black RAL 9005	47 U	2200	800	800	Double perforated	Double perforated
4781DPDPW*	Black RAL 9005	47 U	2200	800	1000	Double perforated	Double perforated

*Availability: November 2025

TECHNICAL CHARACTERISTICS OF THE VENTILATION PANEL

Number of fans	4
Digital thermostat	Included with WiFi
Material	Rolled steel/aluminum with anti-corrosion surface treatment, burr-free
Dimensions	368.5 x 297 x 42 mm
Weight	1 kg
Assembly	Top of the rack (ceiling)
Nominal voltage	AC 220 V
Frequency	50 Hz
Consumption	0.07 A / 7 W
Fan speed	2200 RPM ± 5%
I fled from the air	1.53 CFM per fan
Noise	39 dB (A)
Maximum static pressure	3.7 mm H_2O
Bearing	Sleeve bearing (oil bearing)
Service life	20,000 hours at 25°C
Estimated total panel flow	6.12 CFM (4 fans)

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TECHNICAL SPECIFICATIONS OF THE DIGITAL THERMOSTAT

Type	Module with display and relay control
Function	Automatic on/off control based on temperature
Set temperature	0 — 99°C
Visualization	Digital LED display
Food	AC (connected to the fans)
Assembly	Integrated into the panel box
Switch	Manual ON/OFF switch included
Wiring	Internal, with terminals to fans and temperature probe
Ambient temperature	-14 °F ~ 140 °F
Relative humidity	< 90% without condensation
Installation	Interior / closed rack
Protection	Protective grille and metal box with ventilation

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