



Product catalogue

U Rack Cooling

XtremeMiner.com

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1.About Us

1.1 INDIA's Largest Custom U Rack Frames Maker

XtremeMiner was established at the end of 2020 in NOIDA INDIA, all the products are design and developed in INDIA with the help of Extreme Machines LAB, XtremeMiner having lots of experience in building Computer frames and all types of frames related to AI, Computing Servers and Mining Rigs, Our products are available online and offline, through SHREE PERIPHERALS as our distribution partner for all over India.

XtremeMiner having own Laser Machines, Bending Machines, Powder Coating Ovens, We are the only manufacturer in INDIA who giving Industrial PC Cases with design & development within the country.

1.2 Long Life U Rack Mount Servers with Customization

Our U Rack Frames are specially designed considering easy mounting and unmounting of Computing Modules, we are supporting all ATX design standards, and our frames support all ATX SMPS, Motherboard, HDD/SSD.

We manufacture our frames in Mild Steel in 1.5mm Thickness, with textured Black Finish. This thickness gives power to frames to hold multiple drives and componnts.

2.Overview

2.1 U Rack Mount Cooling

S.N	Product Description	Size (U)	Depth (mm)	Airflow (CFM)	Fan Configuration
1	1U – Front flow cooling FD-URC1U440	1U	30mm	88 CFM	4x 4020 Fan Running @18000 RPM Manual Controlled
2	2U – Front flow cooling FD-URC2U480	2U	30mm	120 CFM	4x 8025 Fan Running @3000 RPM Manual Controlled
3	3U – Front flow cooling FD-URC3U3120	3U	30mm	270 CFM	3x12025 Fan Running @2500 RPM Manual Controlled
4	1U – Top flow cooling FD-URC1U692	1U	530mm	600 CFM	6x 9238 Fan Running @4000 RPM Thermostat Controlled
5	1U – Top flow cooling FD-URC1U12120	1U	750mm	1200 CFM	12x 12038 Fan Running @3000 RPM Thermostat Controlled

3. 1U FRONT FLOW COOLING

FD-URC1U440

3.1 Specification

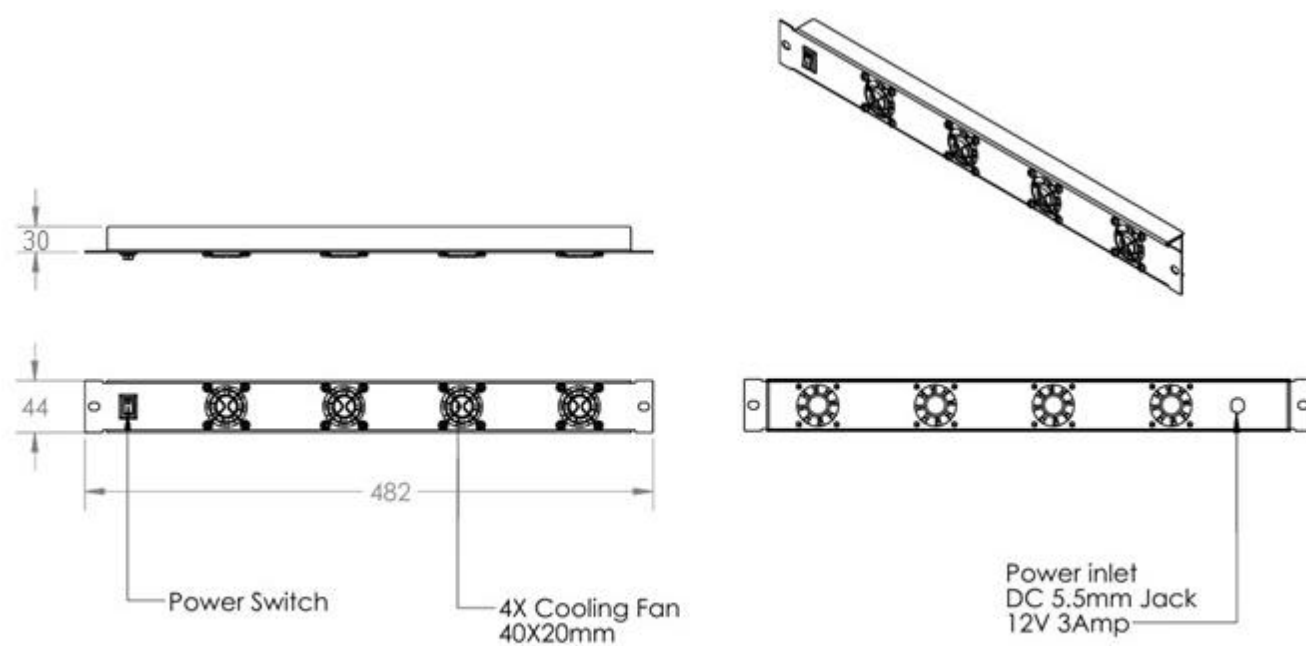


Product Description	Model No.	FD-URC1U440
	Type	Rack mount front flow cooling
	Size LWH (mm)	30x482x44
	Weight KG	0.5
	Color	Black textured powder coated
Electrical characteristic	Power Rating	220-240V AC 50Hz
	Power Supply Rating	12V 3Amp
	Power Consumption	24 Watt
	Fan Power Rating (Per Fan)	12V 0.5 Amp
	No. of Fans	4
	Sensor	No
	Feature	Front Exhaust, Easy plug & Play, On-off Switch
Physical characteristic	Airflow Rate	88CFM
	Noise Level	50 dB
	Fan RPM	18000
	Fan Model	4020mm
Included Items	Mounting Screw M5	0
	Allen Key 4mm	0
	Cage Nut	0
	Power Adaptor	1
	Back Mounting Clamp	0

3.2 Modules Assembly



3.3 Product Drawings



4. 2U FRONT FLOW COOLING

FD-URC2U480

4.1 Specification

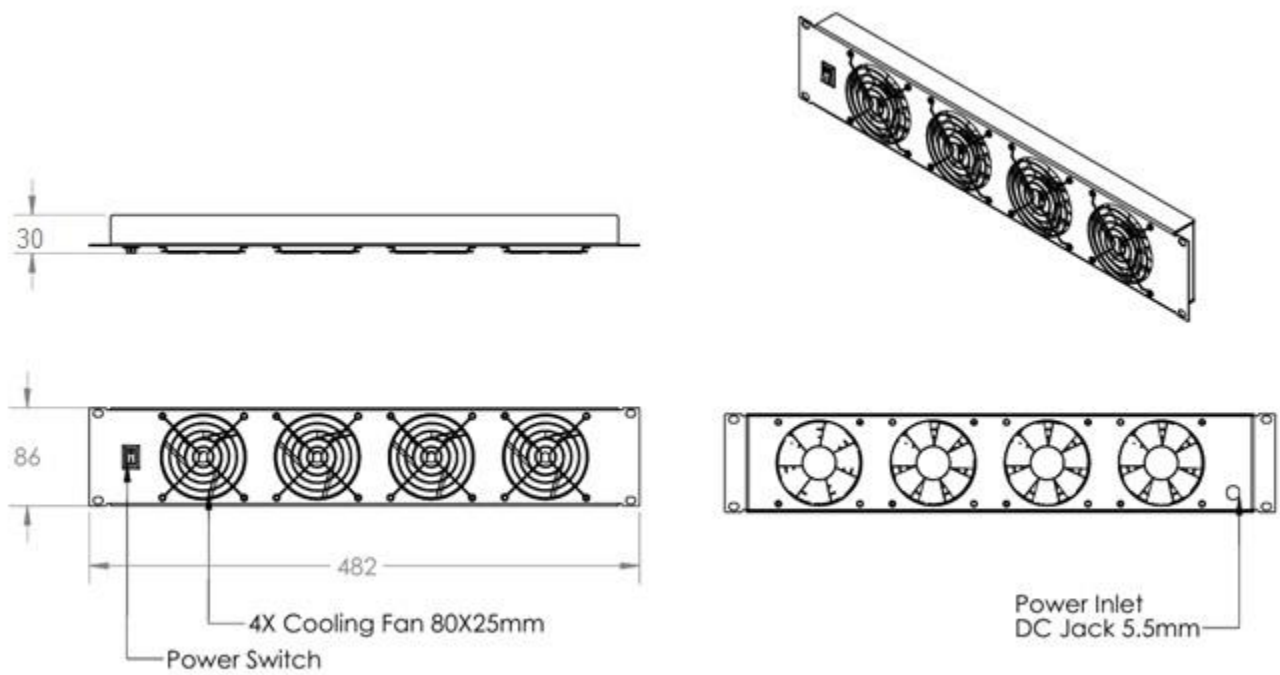


Product Description	Model No.	FD-URC2U480
	Type	Rack mount front flow cooling
	Size LWH (mm)	30x482x86
	Weight KG	1
	Color	Black textured powder coated
Electrical characteristic	Power Rating	220-240V AC 50Hz
	Power Supply Rating	12V 3Amp
	Power Consumption	15 Watt
	Fan Power Rating (Per Fan)	12V 0.3 Amp
	No. of Fans	4
	Sensor	No
Physical characteristic	Feature	Front Exhaust, Easy plug & Play, On-off Switch
	Airflow Rate	120CFM
	Noise Level	30 dB
	Fan RPM	3000
	Fan Size	80X25mm
Included Items	Mounting Screw M5	0
	Allen Key 4mm	0
	Cage Nut	0
	Power Adaptor	1
	Back Mounting Clamp	0

4.2 Modules Assembly



4.3 Product Drawings



5. 3U FRONT FLOW COOLING

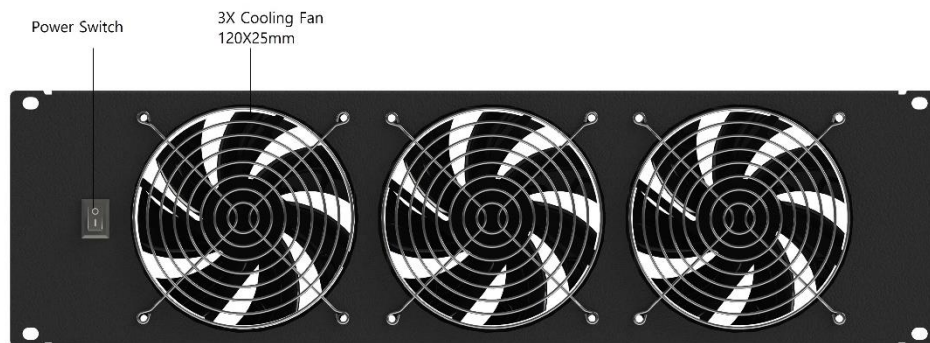
FD-URC3U3120

5.1 Specification

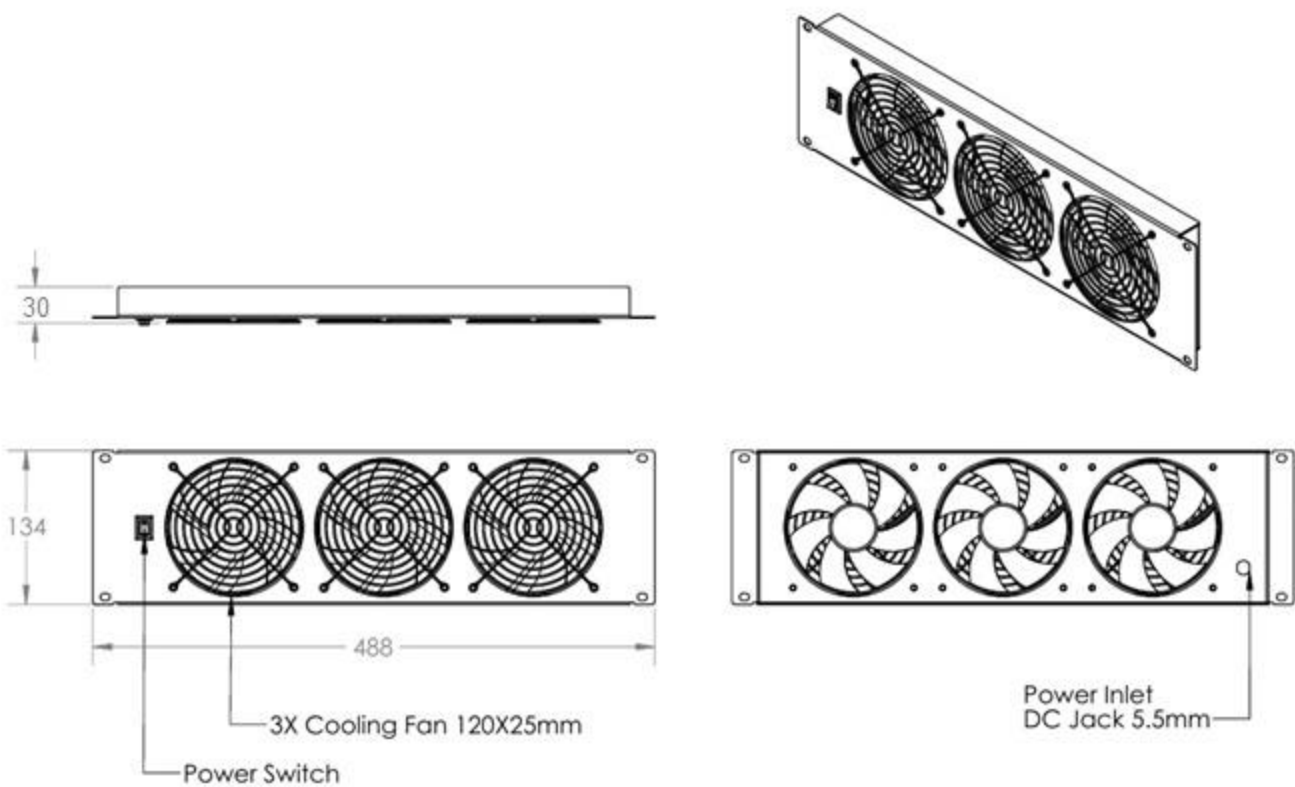


Product Description	Model No.	FD-URC3U3120
	Type	Rack mount front flow cooling
	Size LWH (mm)	30x488x134
	Weight KG	1
	Color	Black textured powder coated
Electrical characteristic	Power Rating	220-240V AC 50Hz
	Power Supply Rating	12V 3Amp
	Power Consumption	30 Watt
	Fan Power Rating (Per Fan)	12V 0.8 Amp
	No. of Fans	3
	Sensor	No
	Feature	Front Exhaust, Easy plug & Play, On-off Switch
Physical characteristic	Airflow Rate	270CFM
	Noise Level	32 dB
	Fan RPM	3000
	Fan Size	120X25mm
Included Items	Mounting Screw M5	0
	Allen Key 4mm	0
	Cage Nut	0
	Power Adaptor	1
	Back Mounting Clamp	0

5.2 Modules Assembly



5.3 Product Drawings



6. 1U TOP FLOW COOLING – 21 Inch

FD-URC1U692

6.1 Specification

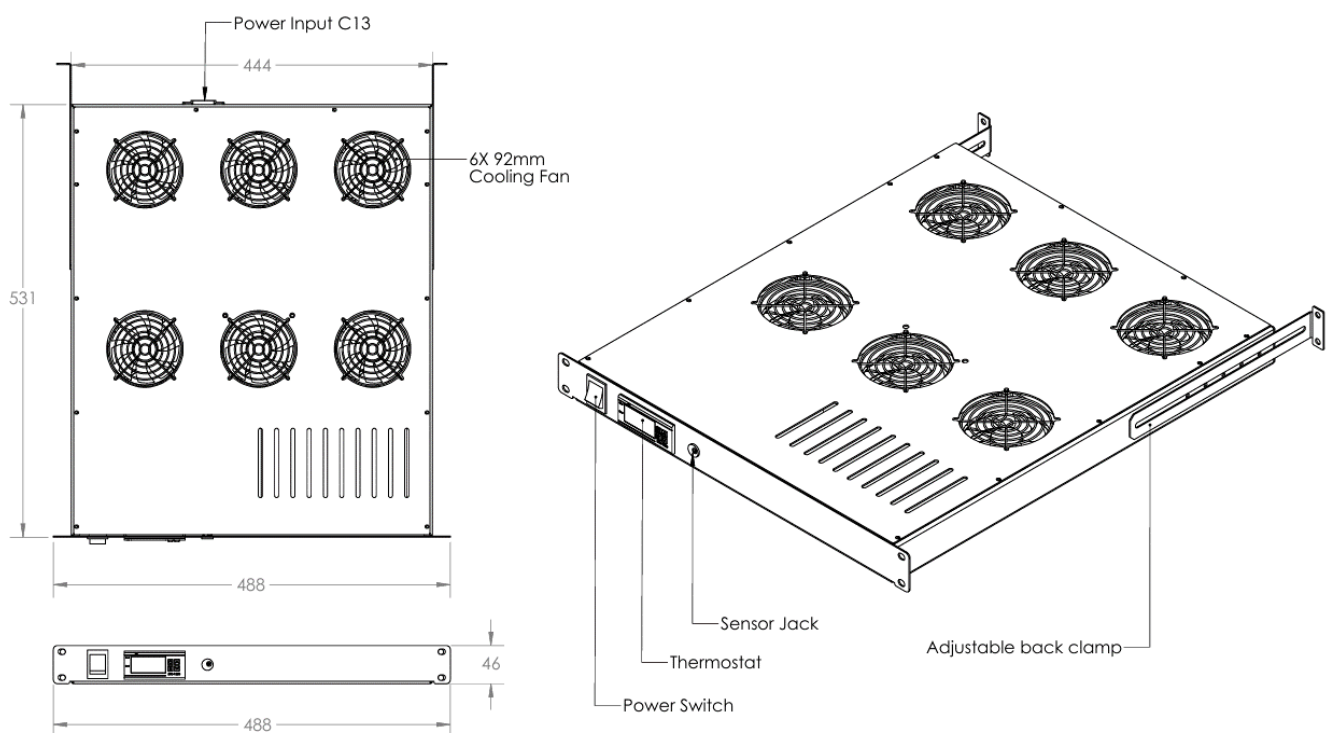


Product Description	Model No.	FD-URC1U692
	Type	Rack mount top flow cooling
	Size LWH (mm)	531x488x46
	Weight KG	8
	Color	Black textured powder coated
Electrical characteristic	Power Rating	220-240V AC 50Hz
	Power Supply Rating	12V 5Amp
	Power Consumption	60 Watt
	Fan Power Rating (Per Fan)	12V 0.8 Amp
	No. of Fans	6
	Sensor	Temperature Sensor (Place sensor on critical heating device)
Physical characteristic	Feature	Delay start, Auto start, Auto stop, High Temp Buzzer
	Airflow Rate	600 CFM
	Noise Level	50 dB
	Fan RPM	4000
	Fan Size	92X38mm
Included Items	Mounting Screw M5	10
	Allen Key 4mm	1
	Cage Nut	10
	Power Cable	1
	Back Mounting Clamp	2

6.2 Modules Assembly



6.3 Product Drawings



7. 1U TOP FLOW COOLING – 30 Inch

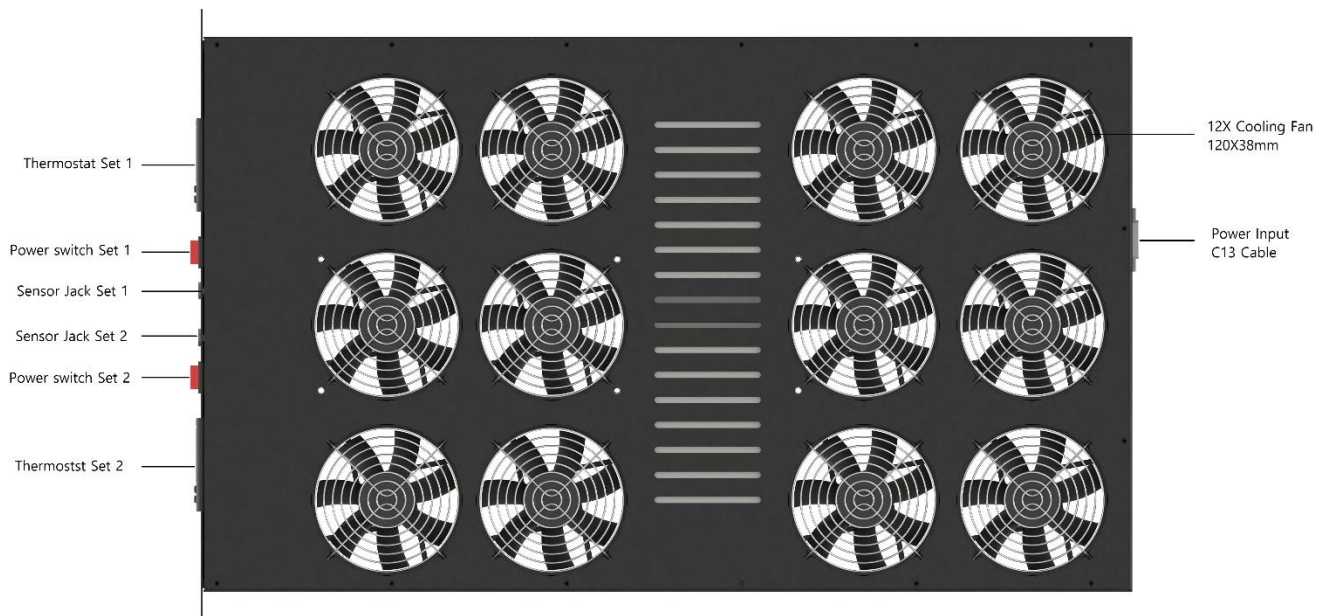
FD-URC1U12120

7.1 Specification



Product Description	Model No.	FD-URC1U692
	Type	Rack mount top flow cooling
	Size LWH (mm)	746x488x46
	Weight KG	12
	Color	Black textured powder coated
Electrical characteristic	Power Rating	220-240V AC 50Hz
	Power Supply Rating	12V 5Amp + 12V 5Amp
	Power Consumption	120 Watt
	Fan Power Rating (Per Fan)	12V 0.7 Amp
	No. of Fans	12
	Sensor	Temperature Sensor (Place sensor on critical heating device)
	Feature	Delay start, Auto start, Auto stop, High Temp Buzzer
Physical characteristic	Airflow Rate	1200 CFM
	Noise Level	50 dB
	Fan RPM	3000
	Fan Size	120X38mm
Included Items	Mounting Screw M5	10
	Allen Key 4mm	1
	Cage Nut	10
	Power Cable	1
	Back Mounting Clamp	2

7.2 Modules Assembly



7.3 Product Drawings

