

SUNON®

ICX_2U / ICX_1U passive CPU Cooler for Intel Whitley Platform Ice Lake, LGA 4189



SUNON ICX cooler is recommended by Intel® for Whitley Platform Ice Lake LGA 4189 sockets CPU cooler. ICX_1U and ICX_2U suitable for blade and 1U/2U server.

ICX_1U CPU Cooler, Copper + aluminum base and high-density fin combine with unique heat pipes design. Support up to 205 Watts CPU power heat dissipation. suitable for blade and 1U server.

ICX_2U CPU Cooler, Copper + aluminum base and high-density fin combine with unique heat pipes design. Support up to 300 Watts CPU power heat dissipation, suitable for blade and 2U server.

Product Applications

Intel Whitley Platform Ice Lake Server Processor LGA 4189 sockets

Product specification

Cooler	ICX_1U	ICX_2U
SUNON P/N	SM316-20001Y	SM420-20001Y
CPU Support	Intel® Ice Lake Server Processor	Intel® Ice Lake Server Processor
CPU Socket	FCLGA 4189-4/5(Socket P4/P5)	FCLGA 4189-4/5(Socket P4/P5)
Solution	1U Server and up	2U Server and up
Dimensions (mm)	113*78*24.7mm	113 * 78 *64mm
*TDP (W)	205W	300W
Weight (g)	250g	435 g
Material	Aluminum, Copper, ADC10	Aluminum, Copper, ADC10
Surface Treatment	Nickle plating	Nickle plating
TIM	SHIN-ETSU X23-7921	SHIN-ETSU X23-7921

Features

- Intel® Whitley Platform Ice Lake and Cooper Lake Processor, LGA 4189-4/-5 Socket
- Copper + Aluminum base and High-density fin that combines with a unique heat pipes design
- Support up to 205 Watts CPU power heat dissipation
- Suitable for blade and 1U server

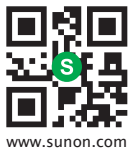
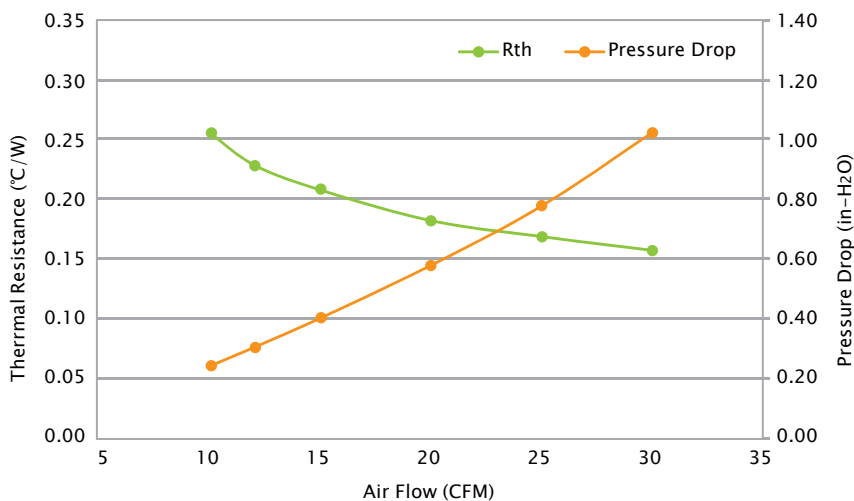
Specifications

P/N	SM316-20001Y
Dimensions (mm)	113 x 78 x 24.7 mm
Weight (g)	250g
TDP (W)	205W
Material	Aluminum, Copper, ADC10
Surface Treatment	Nickle plating
TIM	SHIN-ETSU X23-7921
CPU Support	Intel® Ice Lake and Cooper Lake Processor
CPU Socket	FCLGA 4189-4/5 (Socket P4/P5)



Performance

ICX 1U Passive CPU Cooler Thermal Resistance



Features

- Intel® Whitley Platform Ice Lake and Cooper Lake Processor, LGA 4189-4/-5 Socket
- Copper + Aluminum base and High-density fin that combines with a unique heat pipes design
- Support up to 300 Watts CPU power heat dissipation
- Suitable for blade and 2U server

Specifications

P/N	SM420-20001Y
Dimensions (mm)	113 x 78 x 64 mm
Weight (g)	435g
TDP (W)	300W
Material	Aluminum, Copper, ADC10
Surface Treatment	Nickle plating
TIM	SHIN-ETSU X23-7921
CPU Support	Intel® Ice Lake and Cooper Lake Processor
CPU Socket	FCLGA 4189-4/5(Socket P4/P5)



Performance

ICX 2U Passive CPU Cooler Thermal Resistance
Thermal Resistance v.s. Airflow

