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Server Liquid Cooling Product Specification

單 位 模組事業處

日 期 2025/06

表單編號:YS-C2-002_02 V1

TDP 500W

Photo



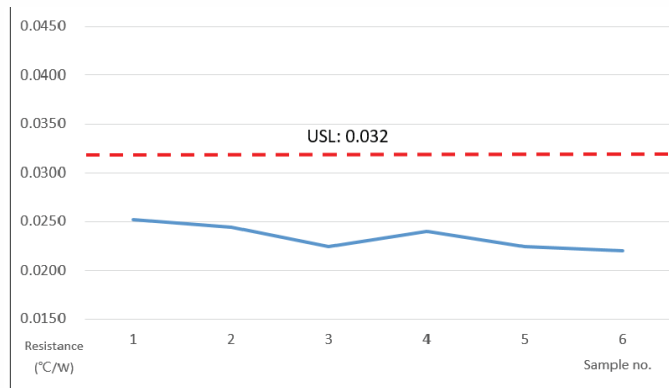
Intel LGA7529 1U Cold Plate

SPECIFICATION



Application	Intel 1U Server and up
CPU Socket	LGA7529
Cold plate process	FSW Copper Material
Sink Size(mm)	179.5 X 99.5 X 24.9 mm
Mounting	Screw captive mounting
Quick connector	Staubli QD
Hose	EPDM
Clamp	SUS 304
TIM	Shin-Etsu X23-7783
Weight	650 g

Thermal Resistance < 0.032 °C/W at 0.7LPM



TDP 500W

Photo



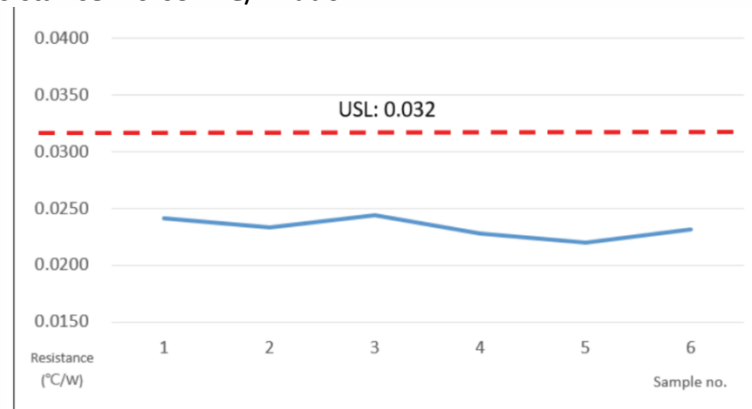
Intel LGA7529 1U Cold Plate

SPECIFICATION



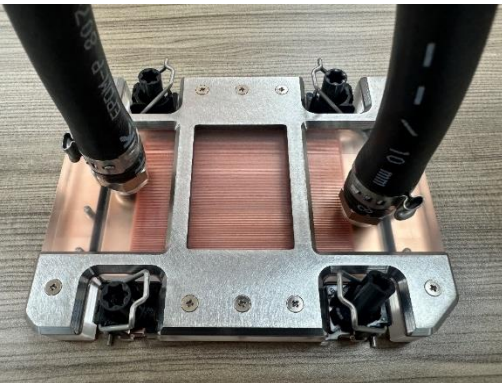
Application	Intel 1U Server and up
CPU Socket	LGA7529
Cold plate process	FSW Copper Material
Sink Size(mm)	179.5 X 99.5 X 24.9 mm
Mounting	Screw captive mounting
Quick connector	Staubli QD
Hose	EPDM
Clamp	SUS 304
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Weight	650 g

Thermal Resistance < 0.032 °C/W at 0.7LPM



TDP 500W

Photo



Intel LGA7529 1U Cold Plate

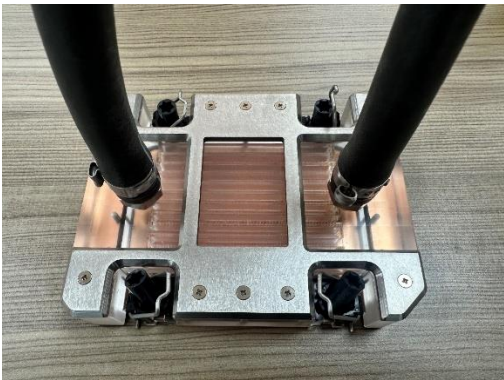
SPECIFICATION



Application	Intel 1U Server and up
CPU Socket	LGA7529
Cold plate process	FSW Copper Material
Sink Size(mm)	126.8 X 97.8 X 15.2mm
Mounting	Screw captive mounting
Quick connector	Staubli QD
Hose	EPDM
Clamp	SUS 304
TIM	Shin-Etsu X23-7783
Weight	550g

TDP 500W

Photo



Intel LGA7529 1U Cold Plate

SPECIFICATION



Application	Intel 1U Server and up
CPU Socket	LGA7529
Cold plate process	FSW Copper Material
Sink Size(mm)	126.8 X 97.8 X 22.2mm
Mounting	Screw captive mounting
Quick connector	Staubli QD
Hose	EPDM
Clamp	SUS 304
TIM	Shin-Etsu X23-7783
Weight	600 g

TDP 400W

Photo



LS-2U-1CP-1PC

SPECIFICATION



Application	Intel 2U Server and up
CPU Socket	4677/4189/SP3/SP5/A2066
Cold plate process	Vacuum Brazing Copper Material
Sink Size(mm)	391*77*45mm
Mounting	Screw captive mounting
Pump	12V, 0.58A, 3500RPM, 2.0LPM, 1.8M H2O, 28dBA
Hose	EPDM
Clamp	SUS 304
TIM	Shin-Etsu X23-7783
Weight	1200 g
Fan Dimension	80 *80*38mm
Fan Rated Voltage	12V
Fan Consuming Current	2.8A
Fan Bearing Type	Two Ball Bearing
Fan Speed	11000rpm
Fan Life Expectancy	40°C / 70,000 hrs
Fan Connector	ACES:50389-009H0H0

TDP 400W

Photo



LS-4U-1CP-1PC

SPECIFICATION



Application	Intel 4U Server and up
CPU Socket	4677/4189/SP3/SP5/A2066
Cold plate process	Vacuum Brazing Copper Material
Sink Size(mm)	397*120*27mm
Mounting	Screw captive mounting
Pump	12V, 0.58A, 3500RPM, 2.0LPM, 1.8M H2O, 28dBA
Hose	EPDM
Clamp	SUS 304
TIM	Shin-Etsu X23-7783
Weight	1250 g
Fan Dimension	120 *120*25mm
Fan Rated Voltage	12V
Fan Consuming Current	0.2A
Fan Bearing Type	Two Ball Bearing
Fan Speed	2500rpm
Fan Life Expectancy	40°C / 70,000 hrs
Fan Connector	ACES:50389-009H0H0

TDP 400W

Photo



LS-2U-1CP-1PP

SPECIFICATION



Application	Intel 2U Server and up
CPU Socket	4677/4189/SP3/SP5/A2066
Cold plate process	Vacuum Brazing Copper Material
Sink Size(mm)	391*80*56mm
Mounting	Screw captive mounting
Pump	12V, 0.43A, 3000RPM, 1.8LPM, 1.8M H2O, 28dBA
Hose	EPDM
Clamp	SUS 304
TIM	Shin-Etsu X23-7783
Weight	1150 g
Fan Dimension	80 *80*38mm
Fan Rated Voltage	12V
Fan Consuming Current	2.8A
Fan Bearing Type	Two Ball Bearing
Fan Speed	11000rpm
Fan Life Expectancy	40°C / 70,000 hrs
Fan Connector	ACES:50389-009H0H0

TDP 750W

Photo



LS-2U-2CP-1PP

SPECIFICATION



Application	Intel 2U Server and up
CPU Socket	4677/4189/SP3/SP5/A2066
Cold plate process	Vacuum Brazing Copper Material
Sink Size(mm)	391*80*56mm
Mounting	Screw captive mounting
Pump	12V, 0.75A, 3500RPM, 1.8LPM, 2.0M H2O, 30dBA
Hose	EPDM
Clamp	SUS 304
TIM	Shin-Etsu X23-7783
Weight	1250 g
Fan Dimension	80 *80*38mm
Fan Rated Voltage	12V
Fan Consuming Current	2.8A
Fan Bearing Type	Two Ball Bearing
Fan Speed	11000rpm
Fan Life Expectancy	40°C / 70,000 hrs
Fan Connector	ACES:50389-009H0H0

TDP 400W

Photo



LS-4U-1CP-1PP

SPECIFICATION



Application	Intel 4U Server and up
CPU Socket	4677/4189/SP3/SP5/A2066
Cold plate process	Vacuum Brazing Copper Material
Sink Size(mm)	397*120*38mm
Mounting	Screw captive mounting
Pump	12V, 0.75A, 3500RPM, 2.0LPM, 2.0M H2O, 30dBA
Hose	EPDM
Clamp	SUS 304
TIM	Shin-Etsu X23-7783
Weight	1150 g
Fan Dimension	120 *120*25mm
Fan Rated Voltage	12V
Fan Consuming Current	0.2A
Fan Bearing Type	Two Ball Bearing
Fan Speed	2500rpm
Fan Life Expectancy	40°C / 70,000 hrs
Fan Connector	ACES:50389-009H0H0

TDP 800W

Photo



LS-4U-2CP-1PP

SPECIFICATION



Application	Intel 4U Server and up
CPU Socket	4677/4189/SP3/SP5/A2066
Cold plate process	Vacuum Brazing Copper Material
Sink Size(mm)	397*120*38mm
Mounting	Screw captive mounting
Pump	12V, 0.75A, 3500RPM, 2.0LPM, 2.0M H2O, 30dBA
Hose	EPDM
Clamp	SUS 304
TIM	Shin-Etsu X23-7783
Weight	1150 g
Fan Dimension	120 *120*38mm
Fan Rated Voltage	12V
Fan Consuming Current	1.4A
Fan Bearing Type	Two Ball Bearing
Fan Speed	4600rpm
Fan Life Expectancy	40°C / 70,000 hrs
Fan Connector	ACES:50389-009H0H0

TDP 400W

Photo



LS-1U-1CP-1P

SPECIFICATION



Application	Intel 1U Server and up
CPU Socket	4677/4189/SP3/SP5/A2066
Cold plate process	Vacuum Brazing Copper Material
Sink Size(mm)	406*56*40mm
Mounting	Screw captive mounting
Pump	12V, 0.32A, 5200RPM, 1.8LPM, 2.0M H2O, 30dBA
Hose	EPDM
Clamp	SUS 304
TIM	Shin-Etsu X23-7783
Weight	1100 g
Fan Dimension	40 *40*56mm
Fan Rated Voltage	12V
Fan Consuming Current	0.95A (Max1.4A)
Fan Bearing Type	Two Ball Bearing
Fan Speed	22000rpm
Fan Life Expectancy	40°C / 70,000 hrs
Fan Connector	ACES:50389-009H0H0

TDP 400W

Photo



LS-2U-1CP-1P

SPECIFICATION



Application	Intel 2U Server and up
CPU Socket	4677/4189/SP3/SP5/A2066
Cold plate process	Vacuum Brazing Copper Material
Sink Size(mm)	391*80*56mm
Mounting	Screw captive mounting
Pump	12V, 0.43A ,3000RPM, 1.8LPM, 1.8M H2O, 28dBA
Hose	EPDM
Clamp	SUS 304
TIM	Shin-Etsu X23-7783
Weight	1250 g
Fan Dimension	80 *80*38mm
Fan Rated Voltage	12V
Fan Consuming Current	2.8A
Fan Bearing Type	Two Ball Bearing
Fan Speed	11000rpm
Fan Life Expectancy	40°C / 70,000 hrs
Fan Connector	4PIN PWM

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