

# U3S21EXPH

**Product Manual** 

Nov. 2024



Prue water: 6.5~7.5

Deionized water: 8.5~9.5

**0D14** 

-20~70

10~90%



## 1. Specification

Product Glance	Value
Model	U3S21EXPH
Sub	860T
Version	10
Crypto algorithm/coins	SHA256 BTC/BCH/BSV
Typical hashrate, <b>TH/s</b> <sup>(1-1)</sup>	860
Power on wall @35°C(1-2), <b>Watt</b> (1-1)	11,180
Power efficiency on wall@35° $\mathbb{C}^{(1-2)}$ , $\mathbf{J/T}^{(1-1)}$	13.0
<b>Detailed Characteristics</b>	Value
Power Supply	
Phase	3
Input voltage, Volt(2-1)	380~415
Input frequency range, <b>Hz</b>	50~60
Input max current, Amp	24
Power port	LP34
Hardware Configuration	
Network connection mode	RJ45 Ethernet 10/100M
Server size (length*width*height, w/o package), <b>mm</b>	900*482.6*130
Server size(length*width*height, with package), <b>mm</b>	1150*640*260
Net weight, <b>kg</b>	42.7
Gross weight, <b>kg</b>	48.6
<b>Environment Requirements</b>	
Inlet coolant temperature, °C	20~50
Coolant flow, <b>L/min</b>	16.0~20.0
Coolant pressure, <b>bar</b>	≤3.5
Working coolant <sup>(2-2)</sup>	Antifreeze/ Pure water/Deionized water
	Antifreeze: 7.0~9.0

#### Notes:

Coolant pH value

Storage temperature, °C

- (1-1) The hashrate value, power on wall, and power efficiency on wall are all typical values. The actual hashrate value fluctuates by  $\pm 3\%$ , and the actual power on wall and power efficiency on wall fluctuate by  $\pm 5\%$ .
- (1-2) Inlet coolant temperature.

Diameter of coolant pipe connector, mm

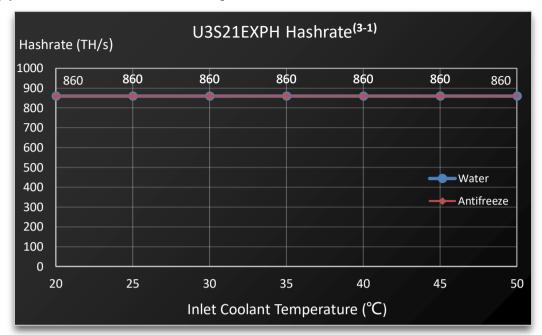
Operation humidity(non-condensing), RH

- (2-1) Caution: Wrong input voltage may cause server damaged.
- (2-2) For detailed working coolant use and maintenance instructions, please refer to "ANTSPACE HK3 Water Cooling Container & Dry-Wet Tower Product Manual", Chapter 9, Article 3, Point 6, "Maintenance of Coolant"!

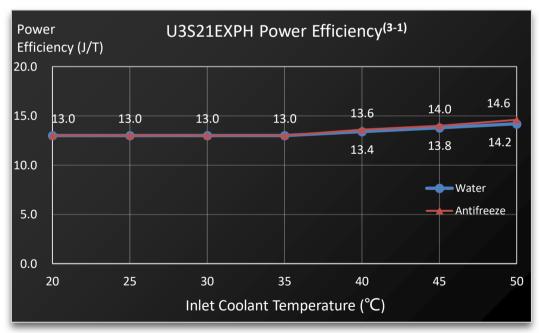


## 2. Performance Curves

### (1) Hashrate vs. Inlet Coolant Temperature



## (2) Power Efficiency vs. Inlet Coolant Temperature



(3-1) The hashrate value, and power efficiency on wall are all typical values. The actual hashrate value fluctuates by  $\pm 3\%$ , and the actual power efficiency on wall fluctuate by  $\pm 5\%$ .



# 3. Product Port





**Rear View**