

Specifications



Basic Specifications

Basic Specifications	1U cloud phone server based on RK3588S
Model	CSR1-N10R3588S
Architecture	ARM architecture
OS	Support Android, Ubuntu and Linux
Application Scenario	Cloud phone, virtual desktop, edge computing, cloud gaming, cloud storage, blockchain, multi-channel video encoding and decoding, etc.

Compute Module

Modules	11 compute modules
Total Cores	11 compute modules (A total of 86 ARM cores)
Core Board	RK3588S core board (Core-3588SJD4) 8-core 64-bit processor (4×Cortex-A76+4×Cortex-A55), clock speed up to 2.4GHz, NPU up to 6.0Tops RK3399 (AI) core board (Core-3399-JD4) ×1: 6-core 64-bit processor (A72×2 + A53×4), clock speed up to 1.8GHz, applied to BMC management
RAM	16GB LPDDR4 (each core board Core-3588SJD4)
Storage	128GB eMMC internal memory (each core board Core-3588SJD4) 3.5"hard drive can be configured with one SATA/SSD (support hot swapping)

BMC Module

BMC	Integrated BMC management system provides management interface based on Web. This system supports secondary development.
Network	1GE RJ45 network ports ×4 (one main core board network port and three ordinary network ports) 4G/LTE/5G network (optional)
Display	HDMI 2.0, up to 4K@60Hz (main processor core board display)
USB	USB2.0 HOST ×2 Type-C ×1 (for processor core board debugging)
Indicator Light	11 network status indicator light (Yellow) 11 working status indicator light (Green)

Fan Module

Fan	5 high-speed cooling fans
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Power Module

Power	300W AC power (input: 100V AC ~ 240V AC)
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Appearance & Environment

Dimensions	Standard 1U rack-mounted server: 490mm x 390mm x 44.4mm
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Operating Temperature	0°C - 50°C
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Operating Temperature	8%RH-95%RH
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