

## Technical parameter

<b>Type</b>	1U rack-mounted cluster server
<b>Architecture</b>	ARM architecture
<b>Number</b>	Supporting up to 11pcs core boards(A total of 66 cores)
<b>Core board</b>	<p><b>RK3399 (AI) core board:</b></p> <ul style="list-style-type: none"><li>• Six-core 64-bit( Dual-core A72+ Quad-core A53) processor with frequency up to 1.8GHz</li><li>• Integrated Mali-T860 MP4 graphics processor GPU, support 4K/1080P H.265/H.264 video hardware encoding and decoding</li><li>• On-board NPU with up to 2.8 Tops of computing power (optional)</li></ul> <p><b>RK3328 core board:</b></p> <ul style="list-style-type: none"><li>• Quad-core 64-bit A53 processor with frequency up to 1.5GHz</li><li>• Integrated Mali-450 MP2 graphics processor GPU, support 4K/1080P H.265/H.264 video hardware encoding and decoding</li></ul> <p><b>RK1808 (AI) core board:</b></p> <ul style="list-style-type: none"><li>• Dual-core 64-bit A35 processor with frequency up to 1.6GHz</li><li>• Integrated NPU with up to 3.0 Tops of computing power</li></ul>
<b>RAM</b>	DDR3/LPDDR3/ LPDDR4, Each core board can be optionally equipped with 1GB/2GB/4GB (*Memory version can refer to the actual configuration of the core board)
<b>Storage</b>	eMMC built-in memory, each core board can choose 8GB/16GB/32GB/64GB/128GB 3.5-inch hard disk can be configured with 1 SATA / SSD hard disk (support hot plug)
<b>Network</b>	With four 1GE Gigabit RJ45 network ports (One main core board network port and three ordinary network ports) 4G/LTE/5G network(optional)
<b>Video</b>	HDMI 2.0, up to 4K@60Hz(Main core board display)
<b>USB</b>	2 ↑ USB2.0 HOST 1 ↑ Type-C(For core board debugging)
<b>Indicator light</b>	11 network status indicators(Yellow) 11 working status indicators(Green)
<b>Fan</b>	5 high-speed cooling fans
<b>Power</b>	300W AC power(Input: 100V AC~ 240V AC)
<b>BMC</b>	Integrated BMC management system, providing web-based management interface
<b>OS</b>	Support Android, Linux operating system
<b>Operating Temperature</b>	0°C - 50°C ( 32°F - 122°F )
<b>Size</b>	<b>Standard 1U rack-mounted server :</b> 490mm x 390mm x 44.4mm
<b>Weight</b>	Server host : 5.8kg Package : 7.2kg

## Size

