

Ерөнхий шаардлага

OTT үйлчилгээний дүрсний гаралтын чанар нягтралыг сайжруулж, транскодерийн багтаамжийг нэмэгдүүлэх, орон нутгийн сувгийн тоог нэмэгдүүлэх.

Шаардлагатай тоног төхөөрөмжийн жагсаалтыг **Хүснэгт 1** харна уу.

Хүснэгт 1: Тоног төхөөрөмжийн жагсаалт

№	Тоног төхөөрөмжийн нэр	Тоо ширхэг
1	OTT System transcoder hardware	1 ш

1. OTT System transcoder hardware

Техник хангамжийн тодорхойлолт:

1. Европ стандарт хангасан байх	
2. Shieff-2U version (1 pcs)	-Backplane: 16-port 2U SAS3 12Gbps direct-attached backplane, SAS3/SATA3 HDD/SSD -Power Supply Safety / EMC: BSMI CCC CE/EMC FCC class A UL/CB UL/CUL Power: 1600W, AC Input Frequency: 50-60Hz +12V: Max: 66.7A (100Vac - 127Vac) Max: 83A (200Vac - 240Vac) +5Vsb: Max: 4A / Min: 0A Power Distributor: PDB-PT213X-3824 O/P: 12V/100A +5V Max: 45A +3.3V Max: 24A -12V Max: 0.6A Operating Temperature Range: 5°C - 35°C (41°F - 95°F) Non-Operating Temperature Range: -40°C - 70°C (-40°F - 158°F) Operating Relative Humidity Range: 8% - 90% (non-condensing) Non-Operating Relative Humidity Range: 5% - 95% (non-condensing)

<p>3. Processor (1pcs)</p>	<p>CPU: Cores- 64 Cores Chipset: System on Chip Memory Capacity:8 DIMM slots</p> <ul style="list-style-type: none"> Supports up to 2TB Registered ECC DDR4 3200MHz SDRAM 8-channel memory bus Memory Type:DDR4 3200 MHz Registered ECC, 288-pin gold-plated DIMMs DIMM Size:64GB Memory Voltage:1.2V Error Detection: Corrects single-bit errors <p>Status monitor for speed control Pulse Width Modulated (PWM) fan connectors Temperature: Monitoring for CPU and chassis environment CPU Thermal Trip Support Operating Temperature-10°C to 35°C (50°F to 95°F) Non-operating Temperature:-40°C to 70°C (-40°F to 158°F) -2TB Registered ECC DDR4 3200MHz SDRAM in 8 DIMMs -Expansion slots:</p> <ul style="list-style-type: none"> 5 PCI-E 4.0 x16 2 PCI-E 4.0 x8 M.2 Interface: 2 PCI-E 4.0 x4 <p>-8 SATA3, 2 M.2, -8 SATA3 or 2 NVMe -2 Gigabit Ethernet LAN ports</p>
<p>4. Chipset- (CPU) (1 pcs)</p>	<p>Number of CPU cores: 64 Number of threads: 128 Base frequency: 2.0GHz Turbo frequency (Max Boost Clock): (3.675GHz) L3 cache: 256MB PCI Express version: PCIe 4.0 x128 Socket: SP3 TDP: 225W Production technology: 7nm Frequency: 3200MHz Type: DDR4 Number of channels: 8</p>

5. RAM (8 pcs)	Single 64GB RAM Module DDR4 DIMM 288-Pin Type: DDR4 Capacity: 64GB Speed: PC4-25600 3200Mbps Size & Bit: 8G x 72 Pins: 288pin ECC: Yes Registered: Yes Dual Rank x4 Speeds up to 3200MHz, (PC4-25600 / PC4-3200AA) ECC Registered (RDIMM)
6. SSD (1pcs)	SSD form factor-Half-Height/Half-Length (HH/HL) SSD capacity-6400 GB Interface-PCI Express 4.0 NVMe Read speed-8000 MB/s Write speed-3800 MB/s PCI Express interface data lanesx8
7. Storage (2pcs)	Form factor-M.2 Capacity-960 GB Sequential read-4,500 MB/s Sequential write-1,750 MB/s Host interface- PCIe Gen 4 x4 Endurance- 1.0 DWPD
8. HDD (8 pcs)	Capacity: 20TB Speed: 7,200RPM Interface Types: SATA Format Sector Size: 512 / 512e Electrical Interface: SATA 600 - 6.0Gbps On-Board Cache: 256MB Power requirement +5 VDC, +12VDC
9. Network port (1pcs)	Cables Required: Fiber-optic cables (with required optional SFP+ transceivers) SFP+ direct attach twin axial copper cables Networking Port Quantity: Quad SFP+ connectors with speed up to 10Gbps per port Software / System Requirements: OS Supports: Windows Server 2012 R2, 2012, 2008 R2 X86-64 Linux RedHat EL 6.5 and 7.0 IA-32, X86-64, and IA-64 Linux SuSE SLES 11 SP3 and 12 IA-32, X86-64, and IA-64 FreeBSD 9 and 10 IA-32, X86-64, and IA-64

	<p>UEFI 2.1 and 2.3 X86-64 and I-64 VMware ESXi 5.1 and ESXi 5.5 X86-64 Connector type- RJ45</p>
<p>10. FP+ transceiver 10Gbps, 10GBASE-T SPMC OEM (4 pcs)</p>	<p>Transceiver type: SR Connector: LC Form type: SFP+ Speed description: 10-Gigabit Environment: 0-70°C Speed:10Gbase Power dissipation (2.5 W typical)</p>
<p>11. Storage adapter (1 pcs)</p>	<p>Support SAS/SATA: 240, NVMe: 24 Cache Memory-4GB Internal ports:8 Data Transfer Rates- 2Gb/s SAS and 16GT/s PCIe Gen4 (NVMe) compliant Operating temperature: 0°C to 55°C</p>
<p>12. GPU (2pcs)</p>	<p>BUS: PCIe 4.0 x16 Memory size: 64 GB Memory type: GDDR6 Stream processors: 5120 Interface: PCI-E 4.0 16x Power consumption: 250W.</p>