Rapid.Space Server Series

Key Benefits

- standalone OCP servers
- 24/7 managed operation
- open-source hardware
- open-source cloud software
- open-source management
- OpenRack v2 form factor
- hyperscale performance
- Xeon v3 / Skylake / Epyc 2
- 2x25GbE networking
- self-configuring
- self-healing
- ships worldwide incl. China
- hardware verification service
- 3-year warranty
- 1-year managed service

Starting from 985 € - building blocks for cost-efficient public, private or hybrid edge cloud infrastructure

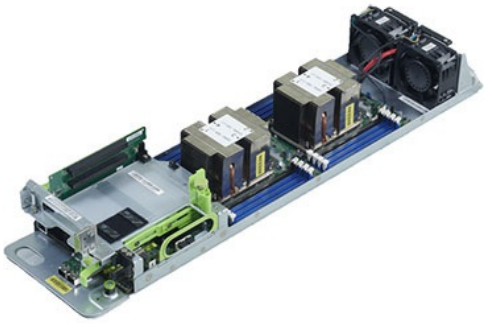
Rapid.Space Servers - OCP building blocks for managed hybrid cloud

Rapid.Space Servers are the building blocks used in the Rapid.Space Node series. Available models include Leopard (ITRenew), Tioga Pass (MITAC) and Capri (MITAC). They ship as barebone (Server-L6x) or assembled (Server-L10x).

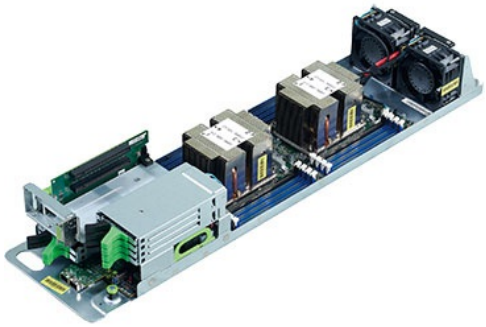
Model	Supplier	Architecture	Barebone	Assembled
Leopard	ITRenew	Xeon v3	N/A	Server-L10L
Tioga Pass Advanced	MITAC	Skylake-SP	Server-L6T	Server-L10T
Capri	MITAC	Epyc 2 Rome	N/A	Server-L10C

Globally available

Rapid.Space Servers can be shipped worldwide. They are certified for EU (CE), USA (FCC), China and Japan.



Server-L10Ts



Server-L10T

Hyperscale performance

	Leopard	Tioga Pass	Capri
CPU Cores	24 (Xeon v3)	20 (Xeon Silver)	64 (Epyc 2)
RAM (GB)	256	256	1024
SSD (TB)	4	4	4
Storage Architecture	1 x SATA	6 x SATA	10 x NVMe
Networking	2 x 25 Gbps SFP+	2 x 25 Gbps SFP+	2 x 25 Gbps SFP+

Rapid.Space Server default configuration is inspired by the standard specification of servers deployed at Facebook or Yahoo! Japan. Leopard servers are sourced from ITRenew (circular economy). Tioga Pass and Capri servers are

sourced from MITAC (Shunde factory).

Warranty

Rapid.Space server can be easily maintained with any smartphone and a Raspberry Pi. 3 year warranty covers return to shipper for repair/replacement.

Operating System

Rapid.Space Servers are tested and certified for Debian GNU/Linux operating system and SlapOS operation management (OM) system. They are preconfigured with Rapid.Space OM service.

Managed Hybrid Cloud

Each server includes 1-year remote OM service which supports provisioning, orchestration, monitoring, disaster recovery, resource accounting and billing. Deploy Rapid.Space servers on-premise and operate a public, private or hybrid cloud without hiring a dedicated team for 24/7 operation management (OM). Register yourself as Rapid.Space point of presence (POP) and earn 175€ / month / server provisioned by Rapid.Space (Server L-10L and Server-L10T).

Step-by-Step Documentation

Rapid.Space has documented the configuration and customization of each individual server model through open source management procedures. Rapid.Space Servers are ideal for exploring OCP hardware configuration, tweaking performance, developing software services and testing.

Hyper Open

Rapid.Space Nodes are built with open-source hardware components (restricted source for MITAC). All software is open-source: operating system (Linux), operation management (SlapOS), networking (re6st) and routing (babel).

Security

Rapid.Space zero-knowledge technology means that no passwords or credentials are shared between nodes or with Rapid.Space itself. All passwords or credentials remain on-premise. Rapid.Space provides optional security services to detect logistic attacks and software threats.

Rapid.Space is suitable for sensitive applications (defense, government, research) which require full reversibility and operation without Internet access.

Rapid.Space

Rapid.Space
17 rue Pache
75011 Paris

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