



Container in a Box Build Options

Note: For mixed storage media types, we will be supporting mixed load configurability Supported media types will include SATA, SDD and NVMe depending on customer choice Red Hat Ceph supports creation of storage pools based on the chosen media.

Part Specification	Quantity of pre-production & Development nodes. (2 Management, 2 Worker)	Quantity of Pre-production & Development nodes. (1Management, 3 Worker)	Quantity of Base Configuration (1 Management, 3 Worker)
Open Compute Inspired 4 Node Server with NVMe Tier (OCP 2U4N Server)	1	1	3
Intel® Xeon® Gold 6240R Processor 12 Core 2.4 Ghz (CPU, Node 1,2)	4	6	6
Intel® Xeon® Silver 4214R Processor 12 Core 2.4 Ghz (CPU, Node 3,4)	4	2	2
DDR4 32GB 2933Mhz RAM (Memory Node 1,2)	16	24	24
DDR4 16GB 2933Mhz RAM (Memory Node 3,4)	8	4	4
NVIDIA Mellanox ConnectX4 DP 25G Network Card (Network)	4	4	4
Intel DP 1Gbe OCP NIC (Network)	4	4	4

Samsung PM883 960GB SATA SSD (Boot)	8	8	8
Samsung PM983 7.6TB NVMe SSD (Storage)	4	6	6
Intel VROC Enterprise Edition (VROC)	2	3	3
High efficiency hot-plug 2200W PSU, 80 Plus Platinum (PSU)	2	2	2
Mellanox Spectrum-based 25GbE/100GbE 1U switch w/Cumulus Linux, 18 SFP28 and 4 QSFP28 ports, 2 AC PSUs, x86 4-core, short depth, P2C airflow	2	2	2
Rack installation kit for SN2100/SN2010 series short depth 1U switches, allows installation of one or two switches side-by-side into standard depth racks	1	1	1
Mellanox 3 Years Silver Support and Updates	2	2	2
Red Hat OpenShift Container Platform (Bare Metal Node) Premium (1-2 sockets) - 12 Month(s)	2		
Red Hat OpenShift Data Foundation Essentials (Bare Metal Node) Premium (1-2 sockets up to 64 cores) - 12 Month(s)	2		

Red Hat Enterprise Linux Server
Standard (Physical or Virtual Nodes) -
12 Month(s)

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