

Intel® Server Products + OnApp Hyper Converged Infrastructure Appliance Take Your Customers to the Cloud



Intel Server Products for Hyperconverged Infrastructure

With OnApp and Intel server products you can now offer a solution to your customers that enables them to manage their virtual machines, deploy software defined storage (SDS), software defined networking (SDN) all while connecting their private cloud to a public cloud for a hybrid cloud solution.

Intel® has created two new SKUs to support OnApp to provide a turnkey private or hybrid cloud appliance

Intel Hardware
Server Chassis H2224



OnApp
Software Orchestration

- Virtualization Management
- Software-Defined Storage
- OS & Application Templates
- User Management
- Highly Scalable and Highly Available
- White label/Rebranding Capabilities

Intel® Server Products For Hyper Converged Infrastructure

Intel® Server Chassis H2224



H2224XXKR2

Key Chassis Features:

- Up to four compute nodes per 2U chassis
- Up to 24 hot-swappable drives
 - Can mix SAS-3 (12Gb/s), SATA SSDs and NVMe u.2 drives
 - Up to 8 NVMe drives per chassis
- Redundant power with 1600W (2130W option)
Platinum efficiency

Intel® Server Board S2600TP



HNS2600TP24R

Key Compute Node Features:

- Two Intel® Xeon® processor E5-2600 v4 per node (8 total)
- Industry leading memory performance – 16 DDR4 DIMMs per node, up to 2400MT/s
- Flexible I/O
 - Includes dual port 10GbE (RJ45 or SFP+) via Intel IO Expansion module & one open PCI Express* slot for additional expansion
 - Support for one SATA m.2 boot drive (optional)
 - Integrated LSI* SAS 3008 controller pass though (IT mode)

New Intel SKUs for OnApp – Starter System:



Compute Node 1 – Control Panel Node



Compute Nodes 2,3 & 4 – Hypervisor Nodes

Product Code: LTP2224R4503086, MM# 958741

Cloud In A Box (w/Control Node)		
Prod Description	Prod Code	Qty per system
Intel® Server Chassis H2224XXKR2	H2224XXKR2	1
Intel® Compute Module HNS2600TP24SR	HNS2600TP24SR	4
Intel® Xeon E5-2650v4	E5-2650v4	6
16GB RDIMM, DDR4, 2400MHz	16GB DDR4 2400	24
Intel® SSD DC P3700 Series (400GB, 2.5in, PCIe)	SSDPE2MD400G401	3
Remote Management Module	AXRMM4LITE2	4
Intel® Xeon E5-2630v4	E5-2630v4	2
8GB DDR4, 2400 MHz	8GB DDR4 2400	4

- The Control Node (x1) includes: E5-2630v4 x2, 8GB DDR4 2400 x4, RMM, Compute Module
- Each Hypervisor Node (x3) includes: E5-2650v4 x2, 16GB DDR4 2400 x8, RMM, TP Compute Module, P3700 400GB (cache)

Note: Estimated fulfillment time is approximately four weeks from purchase order.

New Intel SKUs for OnApp – Scale System:

Easily Adds Capacity to a Starter System



Compute Nodes 1, 2,3 & 4 – Hypervisor Nodes

Product Code: LTP2224JR450600, MM# 958740

Scale - Add capacity to "Starter" deployment (matching 4 nodes)		
Prod Description	Prod Code	Qty per system
Intel® Server Chassis H2224XXKR2	H2224XXKR2	1
Intel® Compute Module HNS2600TP24SR	HNS2600TP24SR	4
Intel® Xeon E5-2650v4	E5-2650v4	8
16GB (1x16GB) RDIMM, DDR4, Dual Rank, 2400MHz	16GB DDR4 2400	32
Intel® SSD DC P3700 Series (400GB, 2.5in, PCIe)	SSDPE2MD400G401	4
Remote Management Module AXXRMM4LITE2	AXXRMM4LITE2	4

Each Hypervisor Node (4x) includes:

E5-2650v4 x2, 16GB DDR4 2400 x8, RMM4, Compute Module, P3700 400GB (cache)

Note: Estimated fulfillment time is approximately four weeks from purchase order.