

**SANGFOR HCI**

Hyper-Converged Infrastructure Data Sheet

**SANGFOR**

★ Sangfor HCI 3rd Generation CPU Models Data Sheet - Appliance Based

Model	aServer-3000	aServer-3100	aServer-3205	aServer-3305	aServer-3405	aServer-3305F
CPU	Intel 4310 2.1GHz 12C/24C 120W	Intel 6326 2.9GHz 16C/32T 185W	Intel 4314 2.4GHz 16C/32T 135W	Intel 6326 2.9GHz 16C/32T 185W	Intel 5318Y 2.1GHz 24C/48T 165W	Intel 6326 2.90GHz 16C/32T 185W
No. of CPU	1	1	2	2	2	2
RAM	32GB	32GB	32GB	32GB	32GB	32GB
No. of RAM	4	4	4	4	4	4
OS Disk	1*240GB SATA SSD Occupy front disk slot	1*240GB SATA SSD Occupy front disk slot	2*240GB SATA SSD	2*240GB SATA SSD	2*240GB SATA SSD	2*240GB SATA SSD
RAM Slot	32 (only 16 are available)	32 (only 16 are available)	32	32	32	32
No. of RAID Card	1	1	1	1	1	1
Disk Slots	7 (for data) + 1 (for OS)	7 (for data) + 1 (for OS)	12+2	12+2	12+2	24 (U.2 NVMe) + 2 (SATA for OS)
NIC	4*GE+2*10GE	4*GE+2*10GE	4*GE+2*10GE	4*GE+2*10GE	4*GE+2*10GE	4*GE+2*10GE
USB2.0	0	0	0	0	0	0
USB3.0	4	4	4	4	4	4
Dimension	2U 86.1mm(H)*447mm(W) *790mm(L)	2U 86.1mm(H)*447mm(W) *790mm(L)	2U 86.1mm(H)*447mm(W) *790mm(L)	2U 86.1mm(H)*447mm(W) *790mm(L)	2U 86.1mm(H)*447mm(W) *790mm(L)	2U 87mm(H)*478.8mm(W) *811.7mm(L)
Gross Weight	28kg	28kg	29kg	29kg	29kg	37.5kg
Net Weight	23kg	23kg	24kg	24kg	24kg	28kg
Total PCIE Slots	3	3	3	3	3	3
Available PCIE Slots	1	1	2	2	2	2
Redundant Power Supply	2	2	2	2	2	2
Working Power	Typical Power: 227W Max Power: 900W	Typical Power: 227W Max Power: 900W	Typical Power: 227W Max Power: 900W	Typical Power: 227W Max Power: 900W	Typical Power: 227W Max Power: 900W	Typical Power: 900W Max Power: 1600W/1500W
VGA	1	1	1	1	1	2
IPMI	1	1	1	1	1	1

**★ Sangfor HCI 3rd Generation CPU Models Data Sheet - Software Based**

Sangfor can also provide a software-only HCI solution compatible with most of the commodity servers commercially available on the market.

License (Per physical CPU)	aSV (Server Virtualization)	Server Virtualization, HA, DRS, Automated Hot Add, Backup, Clone, Sub Administrator, etc.
License (Per physical CPU)	aNet (Network Virtualization)	Network virtualization, Distributed Firewall, Drawable Topology, Visualized Network, aSwitch, aRouter, etc.
License (Per physical CPU)	aSAN (Storage Virtualization)	2-3 Copies, SSD Read & Write Acceleration, Storage Tier-ing, Data Locality, etc.

* NFV components on HCI may employ IPSec VPN technologies using encryption algorithms.

- IPSec Protocol: AH, ESP

- D-H Group: MODP768 Group(1), MODP1024 Group(2), MODP1536 Group(5)

- IPSec Authentication Algorithm: MD5, SHA-1, SHA-2, SM3

- IPSec Encryption Algorithm: DES, 3DES, AES-128, AES-256, SANGFOR_DES, SCB2, SM4

★ CERTIFIED BY CCC, FCC and CE.