



## FlacheSAN2N12C-D5

### Key Features:

- All NVMe Flash Array supports Dual Intel® Xeon® SP Scalable Processors (Skylake)
- Support 12 x front accessible hot-swap NVMe PCIe3 x8 Add-in-Cards
- Up to 60GB/s (480 Gigabits/s) throughput and 12 Millions IOPS through RDMA
- Support 4x full height PCIe3 x16 and 2x Low Profile PCIe3 x16 slots
- Symmetrically balance design each CPU managing half NVMe and NIC
- RDMA Network Adapters directly connected to NVMe SSD over PCIe switch



## Specifications

<b>Supported CPU</b>	Support Dual Intel® Xeon® SP (Skylake) up to 205W TDP; socket LGA 3647	<b>Supported OS</b>	Windows Server 2016, 2012 R2, RHEL 6.9/7.3, SLES 11.4, Ubuntu 16.04.2 LTS, VMWare ESXi 6.5; For other OS please contact us
<b>Chipset</b>	Intel® C621 chipset	<b>Front Panel</b>	Power On/OFF with LED, reset Switch, NMI switch, Locate Switch with LED, 4xLAN LED, Warning LED 1x USB 3.0
<b>Memory Support</b>	Support 16x DDR4 ECC RDIMM/LRDIMM 2133/2400/2666MT/s max. 2048GB capacity	<b>Rear I/O</b>	DB15 VGA, 2x RJ45 1GbE, 2x 10GbE SFP+, 1x RJ45 MGMT, 2x USB 3.0
<b>Expansion Slots</b>	Support up to total 4 Full Height PCIe3 x16 slots; 2 Low Profile PCIe3 x16 slots	<b>Cooling</b>	4x 80mm high speed fans
<b>Storage</b>	12x Low Profile Front Hot-Swappable PCIe3 x8 NVMe Add-in-Card 2x 2.5" 7mm rear hot-swap OS drive bays	<b>Other Features</b>	Optional Intel® VROC NVMe RAID
<b>PCIe Switch</b>	2x PEX9781(or optional PEX9797) fan-out switches Each PCIe switch connected to half of NVMe and NIC slots	<b>Weight</b>	Gross: 29KG/64LBS; Net: 25KG/55LBS
<b>Onboard Network</b>	2x 10 GbE SFP+ (QLogic® QL41102) 2x GbE RJ45 LAN (Marvell® 88E1514) 1x IPMI Management RJ45 port (Aspeed® AST2500)	<b>Dimensions</b>	System: 30"x19"x3.5" (LxWxH) Packaging: 37"x 24"x10"(LxWxH)
<b>Power</b>	1+1 1600W AC/DC 80 Plus Platinum Redundant PSU	<b>Logistic</b>	HTS Code: 8473 30 5100; ECCN: 4A994
<b>Security</b>	Intel® Trusted Execution Technology; TPM 2.0	<b>Environmental</b>	Operating Temperature: 0°C to 35°C Non-Operating Temperature: -20°C to 70°C Humidity: 5% to 95% non-condensing
		<b>Compliance</b>	CE, FCC Class A, RoHS 6/6 compliant

## Ordering Information

**TBD** 2U NVMe 12x PCIe3 x8 Add-in-Card Server dual Xeon Skylake series

- All Flash Array Storage
- DataCenter/ Cloud & Virtualization
- High Speed OLTP Trading
- Enterprise VDI Scaleout Servers
- High Speed Database Servers
- Mission Critical Low Latency Server