

OmniStreams 1U High Performance Server Appliance Platform

Key Features:

- 1U short-depth design with optimized cooling, capable of supporting up to two 130W Ivy Bridge 12-core processors & 384GB of RAM
- 1x FHHL PCIe Gen3 X16 + 1x LP PCIe Gen3 X8 add-in card slots
- Low acoustic noise and induced vibrations for greater reliability
- Customizable extruded aluminum front bezel offers high-end look and feel



Specifications

Supported CPU	Dual socket 2011 Intel® Xeon® E5 2600 V2 (Ivy Bridge) processors	Cooling	3x 97mm blowers
Supported motherboard	Asus Z9PR-D12/4L or other OEM choice of server boards	Backplane	2-bay SAS/SATA backplane for 2x 2.5"-15mm drives
Drive bay	2x 2.5" hot-swap bays for 6Gb SATA SSD or HDD/SSD, internal SSD bay option available	Gross Weight	35 lbs
I/O Expansion	1x PCIe Gen3 X16 FHHL + 1x PCIe Gen3 X8 LP slots	Packaging dimension	36" x 24.5" x 10.5" (LxWxH)
Front Panel Display	1 x Power On/Off switch & LED 1 x Locate switch & LED 1 x Reset switch 1 x System warning LED 4x LAN LED	HTS Code	8473 30 5100
Power supply	400W high efficiency 1+1 redundant power supplies	ECCN	4A994
Bezel	Extruded Aluminum	Environmental	Operating Temperature: 0°C to 35°C (50°F to 95°F) Non-Operating Temperature: -20°C to 70°C (-20°F to 158°F) Humidity: 5% to 95% non-condensing
		Compliance	RoHS 6/6 compliant

- High Performance Unified Storage Controller Head Node
- Video Encoding and Streaming Server
- Networking and Security Appliance

Ordering P/Ns

REPL10201A	ES Pelican 1U Network Appliance chassis with 2x 2.5" internal, 400W RPS
REPL10202A	ES Pelican 1U Network Appliance chassis with 2x 2.5" hot-swap, 400W RPS
BBPL10201A	EIS standard 1U appliance 400W HRP dual Xeon EP barebone w/2x2.5 internal bays
BBPL10202A	EIS standard 1U appliance 400W HRP dual Xeon EP barebone w/2x2.5" hot-swap bays
SRTL20A30C	Tool-less ball-bearing sliding rail 20" extendable to 28"
SRTL28A30C	Tool-less ball-bearing sliding rail 28" extendable to 36"
FB97334S1A	SANYO DENKI 9733 BLOWER, spare
PSM40Z01A	400W AC to DC RPS power module for 1PL1A

Card retainer/guide to secure the FHHL card

Dual Ivy Bridge CPUs up to 12-Core 130W SKU supported

Detachable extruded aluminum bezel for easy customization

Internal SSD w/LCD option available

400W 1+1 hot-swap redundant power

Fully customizable rear panel to cover unwanted ports or proprietary add-in cards

Elevated blower exhausts reduce airflow trapped under the MB or component blockage

4x GbE ports

LP PCIe Gen3 X8

FHHL PCIe Gen3 X16

