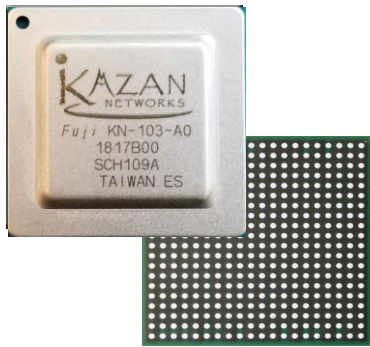


# Fuji

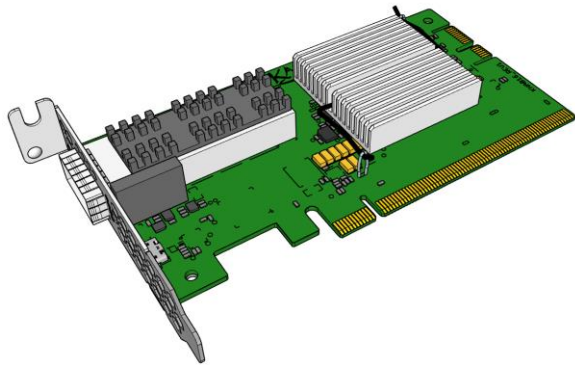
## NVMe-oF Bridge ASIC

The Fuji ASIC from Kazan Networks is an industry-leading solution which enables NVMe-oF-attached storage systems. Fuji forms a key component for the enablement of the industry's newest **Composable Infrastructures**, and leads the industry in terms of cost, power, and performance.

Fuji is available either as a 21mm BGA ASIC or mounted onto a half-height, half-length form factor card, designed to install directly into any JBOF with a PCIe internal slot.

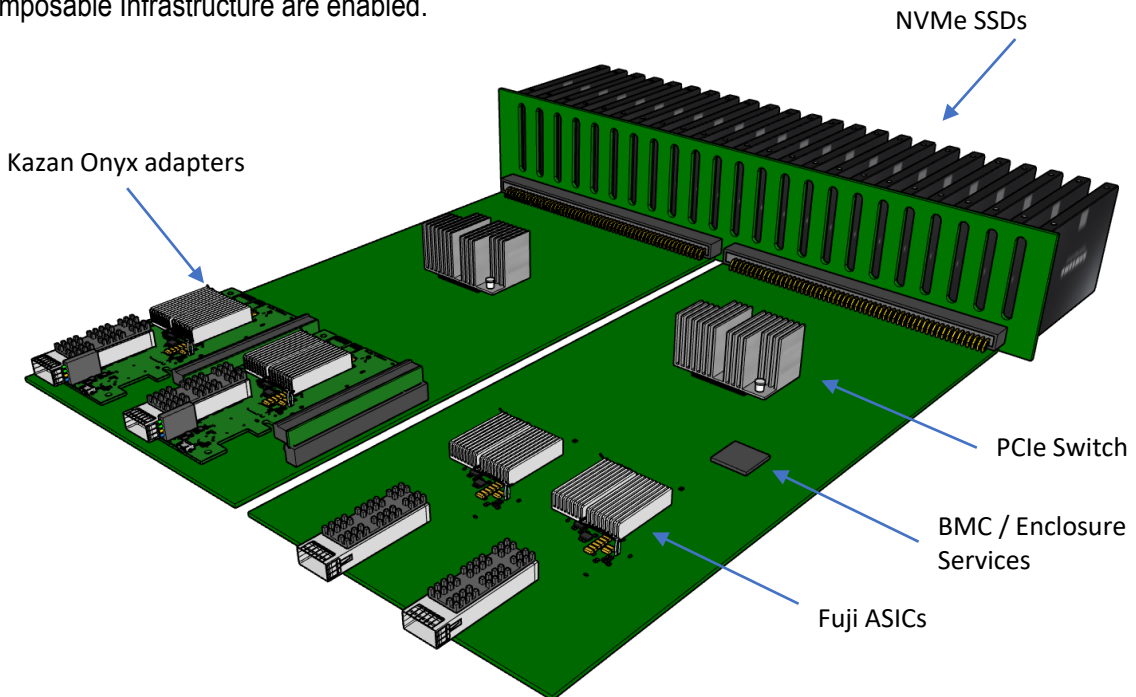


Fuji ASIC



Onyx - Fuji-based NVMe-oF Bridge Adapter

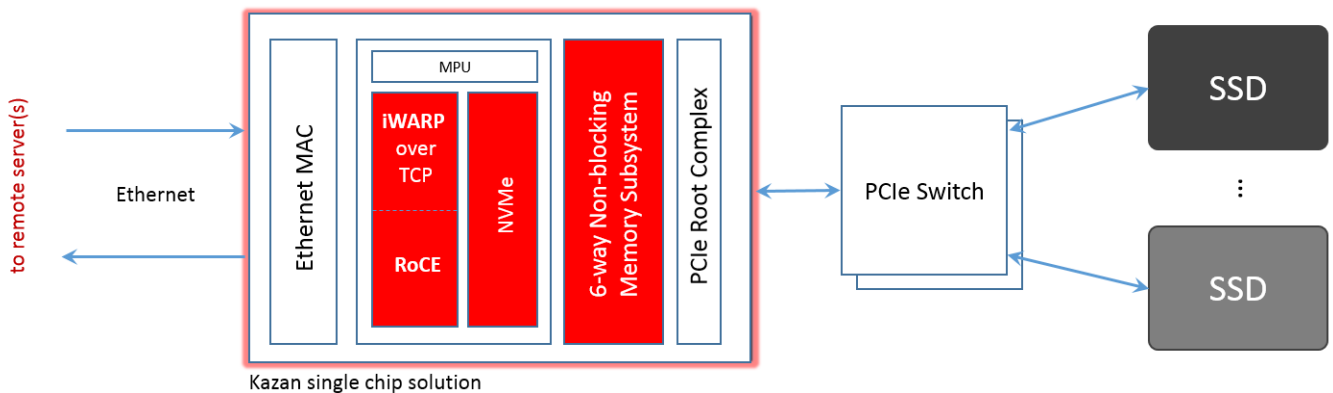
By upgrading an existing JBOF to one that is Ethernet-attached (EBOF), significantly larger scales of Composable Infrastructure are enabled.



Fuji-based EBOF (Ethernet-attached Bunch of Flash)

Kazan Networks' Fuji represents a unique approach to NVMe-oF bridging, based on extensive levels of hardware acceleration. This architecture is proven to provide significantly higher performance at lower power and lower TCO than other, SOC-type approaches.

Kazan Networks developed the industry's first solution which enables development of storage systems based on the NVMe-oF standard. Combined with a PCIe switch and leveraging existing enclosure management, this enables the industry's lowest-cost, lowest-power, and highest performance JBOF.



### ASIC Features:

- 100 Gb Ethernet interface, also 2 x 50 Gb, 2 x 25 Gb
- Single x16 Gen3 or Dual x8 Gen3 PCIe interface to PCIe switch(es)
- Support of RoCEv1, RoCEv2, and iWARP
  - Lossy networks supported on all protocols
- Fully hardware-accelerated datapaths mean the lowest cost, lowest power solution available
- 21 mm BGA package
- No DRAM required
- 7W nominal power

ASIC OPN:	KN-103-A0
ASIC MOQ:	300 parts
Leadtime:	16 weeks
ECCN (Fuji):	4A003
HTC:	8473.30.11