Delta 102.4 Tbps AI Data Center Switch

Powered by Lattice MachXO3™ and Lattice CertusPro™-NX FPGAs, and PWR1014A

- Delta Networking's 2OU switch based on Broadcom Tomahawk 6
- Direct-liquid-cooled Ethernet switch with integrated leak detection
- Lattice FPGAs: Lattice CertusPro-NX, CPLD LCMXO3, and PWR1014A
- Power sequencing, I/O expansion, and I3C connectivity to OSFP modules
- Scalable optical management and real-time telemetry
- Instant-on, flexible, and field-reconfigurable
- Compact Open Rack V3 form factor

HW Features		Description
CPU Module	CPU	Intel Ice lake D-1823NT AMD Ryzen V3C48
	Memory	SODIMM with ECC 16GB x2
	SSD	M.2 NVMe iSLC 160GB *1
	TPM	ST33KTPM2X32DKG9T
	BIOS	32MB x2
NPU Module	NPU	Broadcom TH6 BCM78914
	I/O Port	64x1.6T OSFP + 2x25G SFP28
	FPGA	Lattice FPGA Certus Pro-NX
	SWPLD	Lattice CPLD LCMXO3
	MGMT	MGMT x1 / Console / USB 3.0 Type-A
BMC Module	BMC + PFR	AST2720 AST1060
	Memory	DDR4 1GB
Timing Module	DPLL	Renesas 8A34001E
	OCXO	Stratum-3E
Chassis	Dimension	2OU 537(W) x 809(D) x 93(H) mm
	Cooling Type	Liquid Cooling
	Power Supply	ORv3



