

A10-Thunder-3745

2U low-latency SPE ADC; L7 mean 1.901 us / max 1.945 us; 32,000 NAT sessions; 4x 10G SFP+.

A10 Networks Thunder 3745 Low-Latency / SPE Application Delivery Controller

The A10 Networks Thunder 3745 is a 2U low-latency application delivery controller built on the A10 SPE (Secure Private/Low-latency Engine) platform (FTA-3 + SPE). It is purpose-designed for latency-sensitive Layer 4-7 delivery rather than as a general-purpose ADC, providing deterministic sub-2-microsecond L7 processing with 1.901 us mean and 1.945 us maximum latency, and 32,000 concurrent NAT sessions. Throughput and connection-rate figures are not published for the official low-latency table; confirm exact numbers with the SKU. This unit is offered as pre-owned used equipment by LinkNewNet.

Specification	Value
Platform	Low-latency SPE (FTA-3 + SPE)
Form factor	2U rack-mount
Fixed ports	4x 10/1GE SFP+ (10G only)
L7 mean latency	1.901 us
L7 max latency	1.945 us
Concurrent NAT sessions	32,000
Processor	2x Intel Xeon 8-core
Memory	96 GB
Storage	SSD
Power supply	Dual 850W RPS
Max power draw	450 W typ. / 463 W max
Dimensions (HxWxD)	3.5 x 19 x 27.5 in
Weight	~43.8 lb
Throughput / CPS	Not published; confirm SKU

- 2U low-latency SPE platform (FTA-3 + SPE), not a general-purpose ADC.
- Deterministic L7 latency: 1.901 us mean / 1.945 us max.
- 32,000 concurrent NAT sessions for latency-sensitive delivery.
- Dual Intel Xeon 8-core processors with 96 GB memory.
- Throughput / CPS not published - confirm exact SKU before ordering.

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Interface	Count
10/1 GE fiber (SFP+)	4 (10G only)
Management	1 x Ethernet mgmt + LOM
Console	1 x RJ-45

Component	Specification
Processor	2x Intel Xeon 8-core
Memory	96 GB
Storage	SSD
Hardware acceleration	FTA-3, SPE
ACOS	A10 ACOS platform
Power supply	Dual 850W RPS (redundant)
Max power draw	450 W typ. / 463 W max
Dimensions (HxWxD)	3.5 x 19 x 27.5 in
Weight	~43.8 lb

Deployment	Description
Latency-sensitive L4-7	Deterministic sub-2us delivery for HFT / carrier edges
NAT / CGNAT offload	High-speed NAT at the low-latency edge
Traffic steering	SPE-based fast path processing
Security	DDoS protection on the fast path

Capability	Description
Management	CLI, Web UI, SNMP, aXAPI (REST)
Automation	aFlex scripting and REST API orchestration
Fast-path visibility	SPE statistics and latency telemetry
High availability	VRRP / clustering and config sync

Capability	Description
Central management	A10 aGalaxy / aCenter centralized management

Item	Detail
Platform	A10 Thunder 3745 low-latency SPE ADC
Lifecycle	Specialized low-latency platform (used hardware)
Support software	Best effort / as-available for used hardware
Note	Confirm exact SKU / ACOS release before ordering

This used networking product is offered for resale by LinkNewNet. Applicable regulatory and safety markings are printed on the original product nameplate. A10 Networks equipment is generally certified to the following standards; the exact marks on a given unit depend on its build revision and region of sale.

Category	Standard / Certification
Safety	UL / cUL (UL 62368-1 / IEC 60950-1 where applicable)
EMC emissions	FCC Part 15 (CFR 47) Class A, ICES-003 Class A, EN 55032 Class A
EMC immunity	EN 55024 / EN 55035, CISPR 24 / CISPR 35
Environmental	RoHS, REACH, WEEE Directive 2012/19/EU
NEBS / carrier	NEBS Level 3 on selected carrier-grade Thunder platforms
Power	Redundant / hot-swappable PSU on selected models; 80 PLUS efficiency
Input voltage	100-240 V AC, 50/60 Hz auto-ranging (regional PSU variants)
Operating temp	0 to 40 deg C (32 to 104 deg F), see model datasheet for derating
Storage temp	-40 to 70 deg C (-40 to 158 deg F)
Humidity	5% to 90% non-condensing
Acoustics	Fan noise varies by platform; high-end units require proper rack airflow
Country of origin	See product packaging label for country of manufacture

This unit is sold as a pre-owned (used) networking product by LinkNewNet. Standard LinkNewNet used-hardware warranty terms apply and are confirmed with your sales representative at the time of order. Original A10 Networks service contract coverage is not included and is generally not transferable on used equipment; support is provided by LinkNewNet for the used unit.

Service	Description
Used-hardware warranty	Standard LinkNewNet coverage on tested units
Testing	Every unit inspected and tested before dispatch
Return material authorization	Required for all returns
Condition	Stock graded, cleaned, firmware verified where possible
Original vendor support	Not included; A10 contract is not transferable
LinkNewNet support	Confirms revision level and software compatibility
Software / ACOS	Firmware status confirmed at time of sale where possible
Spare / spare PSU	RMA and spare availability confirmed with sales
DOA policy	Defective-on-arrival units handled per LinkNewNet policy

To order this used A10 Networks unit, contact LinkNewNet sales. Provide the exact model, part/SKU, quantity, and destination region so the correct power cord and shipping options can be quoted. Stock is graded and serial-number tracked; request current availability before ordering.

Item	Notes
Product model	A10-Thunder-3745
Condition	Used / pre-owned, graded stock
Power cord	Select appropriate regional power cable at order time
Software / license	Confirm ACOS release and feature licensing with sales
Spare / accessory	Refer to LinkNewNet product listing
Lead time	Confirm with LinkNewNet sales at time of order
Min order qty	Typically 1 unit; volume pricing available
Warranty	LinkNewNet used-hardware warranty
Shipping	Insured, tracked worldwide shipping
Payment	Common trade terms; request quote

Every used A10 Networks unit sold by LinkNewNet passes a documented pre-shipment inspection covering power-on test, interface status, firmware load and general condition. Units are cleaned and graded before dispatch. If an item arrives defective-on-arrival or does not match the quoted grade, contact LinkNewNet support to arrange resolution under the applicable warranty terms.

Item	Detail
Pre-shipment test	Power-on, interface status and firmware verification
Grade	Stock graded and serial-number tracked
Packaging	Anti-static protection, secure industrial packaging
DOA support	Defective-on-arrival units resolved per LinkNewNet policy
After-sales	Revision / compatibility confirmation before ordering

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Performance figures quoted are measured under specific test conditions and represent peak laboratory results. Actual performance in production environments will vary depending on traffic mix, packet size, feature configuration, hardware revision, and software version. Throughput and session numbers may decrease when optional features are enabled. Figures for this pre-owned unit are taken from the manufacturer's published specifications for the model; each unit is tested by LinkNewNet before dispatch.

This document is provided for informational purposes only and does not constitute a binding commitment. Specifications are subject to change without notice. Refer to LinkNewNet sales for confirmation of any information in this document before placing an order.

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