

A10-Thunder-4430

1U Thunder ADC; 38 Gbps L4/L7; 2.7M L4 CPS; 16x 10GE SFP+ + 4x 40GE QSFP+; FTA-3 acceleration.

A10 Networks Thunder 4430 Application Delivery Controller

The A10 Networks Thunder 4430 is a 1U application delivery controller (ADC) in the A10 Thunder series for high-density enterprise and data-center deployments. Running the A10 ACOS platform, it provides server load balancing, application acceleration, Web application firewall (WAF) and DDoS protection in a unified appliance. The 4430 delivers up to 38 Gbps of Layer 4/7 application throughput, 2.7 million Layer 4 connections per second and 128 million concurrent sessions, with FTA-3 FPGA acceleration and 16x 10GE SFP+ plus 4x 40GE QSFP+ high-density ports, and up to 86K RSA 1K / 84K RSA 2K SSL CPS. A10 Thunder ships the full feature set without separate license fees. This unit is offered as pre-owned used equipment by LinkNewNet.

Specification	Value
Form factor	1U rack-mount
Fixed ports	16x 1/10GE fiber (SFP+) + 4x 40GE fiber (QSFP+)
L4/L7 throughput	38 Gbps / 38 Gbps
Layer 4 CPS	2,700,000 / sec
Layer 4 concurrent sessions	128,000,000
SSL CPS (RSA 1K/2K)	86K / 84K
SSL bulk throughput	20 Gbps
DDoS (SYN flood)	55 million SYN/sec
Processor	Intel Xeon 6-core
Memory (ECC RAM)	32 GB
Storage	Solid-state drive (SSD)
Hardware acceleration	FTA-3 FPGA + SSL security processor
Power supply	Dual 600W RPS (80 Plus Platinum)
Power (typical/max)	266 W / 319 W
Dimensions (HxWxD)	1.75 x 17 x 24.6 in
Weight	~25.2 lb

- High-density 1U Thunder ADC with 16x 10GE SFP+ and 4x 40GE QSFP+ ports.
- Up to 38 Gbps L4/L7 throughput and 2.7M L4 connections per second.
- FTA-3 FPGA acceleration plus SSL security processor (86K/84K SSL CPS).
- 128 million concurrent sessions and 55M SYN/sec DDoS protection.
- Runs A10 ACOS; full feature set without extra license fees.

Specification	A10-Thunder-4430
Application throughput (L4/L7)	38 Gbps / 38 Gbps
Layer 4 CPS	2,700,000 / sec
Layer 4 HTTP RPS	12,000,000
Layer 4 concurrent sessions	128,000,000
Layer 7 CPS (1:1)	620,000
SSL bulk throughput	20 Gbps
SSL CPS (RSA 1K / 2K)	86K / 84K
DDoS protection (SYN flood)	55 million SYN/sec
Application Delivery Partitions (ADP)	127

Interface	Count
1/10GE fiber (SFP+)	16
40GE fiber (QSFP+)	4
Management	1 x Ethernet Mgmt + 1 x RJ-45 console + Lights Out Mgmt

Component	Specification
Processor	Intel Xeon 6-core
Memory (ECC RAM)	32 GB
Storage	Solid-state drive (SSD)
Hardware acceleration	FTA-3 FPGA + SSL security processor
Power supply	Dual 600W RPS, 80 Plus Platinum, 100-240 VAC
Power (typical/max)	266 W / 319 W
Dimensions (HxWxD)	1.75 x 17 x 24.6 in
Weight	~25.2 lb

Deployment	Description
Server load balancing	L4/L7 load balancing across app tiers
Application acceleration	SSL offload, RAM caching
Security	WAF, DAF, SSL Intercept, DDoS mitigation
Multi-tenancy	Up to 127 ADPs for virtualization
GSLB / DNS	Global server load balancing

Item	LinkNewNet policy
Testing	Every unit inspected and tested before dispatch
Warranty	Standard LinkNewNet used-hardware warranty
Condition	Stock graded, cleaned, firmware verified
Support	Team confirms revision levels and ACOS compatibility

Item	Detail
Platform	A10 Thunder 4430 ADC
Lifecycle	Legacy Thunder ADC (1U); confirm ACOS release for used units
Support software	Best effort / as-available for used hardware
Note	Confirm exact SKU and 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-4430
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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