

F5-BIG-IP-i7800

1U iSeries ADC; 80 Gbps L4/L7; 1.1M CPS; 12 ports incl. 4x 40GE.

F5 BIG-IP i7800 Application Delivery Controller

The F5 BIG-IP i7800 is a 1U high-end application delivery controller (ADC) in the F5 BIG-IP iSeries. Running the F5 TMOS operating system, it provides server load balancing, application acceleration and Layer 4-7 traffic management for demanding enterprise and data-center deployments. The i7800 delivers up to 80 Gbps of Layer 4/7 application throughput, 1.1 million Layer 4 connections per second and 3 million L7 requests per second, with 12 network ports including 4x 40GE QSFP+ and hardware SSL acceleration (40,000 TPS). This unit is offered as pre-owned used equipment by LinkNewNet.

Specification	Value
Form factor	1U rack-mount
Fixed ports	12 ports incl. 4x 40GE QSFP+
L4/L7 throughput	80 Gbps
Layer 4 CPS	1,100,000 / sec
L7 RPS	3,000,000
SSL TPS (2K keys)	40,000 / sec
SSL bulk encryption	20 Gbps
Memory	96 GB DDR4
Storage	1x 480 GB SSD
Power	2x 650W AC (80 Plus Platinum)

- 1U iSeries ADC with 12 ports including 4x 40GE QSFP+.
- Up to 80 Gbps L4/L7 throughput and 1.1M L4 CPS.
- 3M L7 RPS and 40,000 SSL TPS.
- 6-core Intel Xeon with 96 GB DDR4 and 480 GB SSD.
- Runs F5 TMOS; TurboFlex Tier 3 support.

Specification	F5-BIG-IP-i7800
Application throughput (L4/L7)	80 Gbps / 40 Gbps
Layer 4 CPS	1,100,000 / sec
L4 HTTP RPS	14,000,000
L7 RPS	3,000,000
Concurrent connections	80 million

Specification	F5-BIG-IP-i7800
SSL TPS (2K keys)	40,000 / sec
SSL bulk encryption	20 Gbps

Interface	Count
40GE fiber (QSFP+)	4
10GE fiber (SFP+)	8
Management	1 x 1GbE
Console	1 x RJ45
Failover	1 x RJ45

Component	Specification
Processor	1x six-core Intel Xeon (12 threads)
Memory	96 GB DDR4
Storage	1x 480 GB SSD
SSL acceleration	Hardware SSL
Power supply	2x 650W AC (80 Plus Platinum)
Dimensions	1U rack-mount

Deployment	Description
Server load balancing	L4/L7 load balancing
Application acceleration	SSL offload, compression
Traffic management	iRules, TMOS, TurboFlex
High availability	Active/standby

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 TMOS compatibility

Item	Detail
Platform	F5 BIG-IP i7800
Lifecycle	iSeries platform; confirm EoS status for used units
Support software	Best effort / as-available for used hardware
Note	Confirm exact SKU and TMOS 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. F5 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 60950-1, CSA C22.2 No. 60950-1, IEC 60950-1, EN 60950-1
EMC emissions	FCC Part 15 Class A, ICES-003 Class A, EN 55032 Class A, VCCI Class A
EMC immunity	EN 55024, CISPR 24
Environmental	RoHS, REACH, WEEE Directive 2012/19/EU
NEBS / carrier	NEBS Level 3 on selected carrier-grade VIPRION 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 F5 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; F5 contract is not transferable
LinkNewNet support	Confirms revision level and software compatibility
Software / TMOS	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 F5 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	F5-BIG-IP-i7800
Condition	Used / pre-owned, graded stock
Power cord	Select appropriate regional power cable at order time
Software / license	Confirm TMOS release and module 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 F5 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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