

## F5-BIG-IP-10000S

2U BIG-IP ADC; 16x 10GE SFP+ + 2x 40GE QSFP+; 80 Gbps L4 / 40 Gbps L7.

F5 BIG-IP 10000S Application Delivery Controller

The F5 BIG-IP 10000S is a 2U high-end application delivery controller (ADC) in the F5 BIG-IP family. Running the F5 TMOS operating system, it provides server load balancing, application acceleration and Layer 4-7 traffic management for large enterprise and service-provider deployments. The 10000S features a high-density interface set of 16x 10GE SFP+ and 2x 40GE QSFP+ ports, with an Intel hex-core processor (12 hyperthreaded logical cores), 48 GB of RAM and hardware SSL acceleration. It delivers up to 80 Gbps of Layer 4 and 40 Gbps of Layer 7 throughput. This unit is offered as pre-owned used equipment by LinkNewNet.

| Specification          | Value                         |
|------------------------|-------------------------------|
| Form factor            | 2U rack-mount (full-depth)    |
| Fixed ports            | 16x 10GE SFP+ + 2x 40GE QSFP+ |
| L4/L7 throughput       | 80 Gbps / 40 Gbps             |
| Processor              | Intel hex-core (12 threads)   |
| Memory                 | 48 GB                         |
| Storage                | 2x 1TB HDD (RAID 1)           |
| SSL TPS (2K keys)      | 21,000 / sec                  |
| Concurrent connections | 36 million                    |
| Power                  | Dual 850W (typ. 320W)         |
| Weight                 | 43 lb                         |

- 2U high-end BIG-IP ADC with 16x 10GE SFP+ + 2x 40GE QSFP+ ports.
- 80 Gbps L4 / 40 Gbps L7 throughput for large enterprise and service-provider workloads.
- 1M L7 RPS, 500K L4 CPS and 36 million concurrent connections.
- Intel hex-core processor with 48 GB RAM and 21K SSL TPS.
- Runs F5 TMOS; full LTM feature set.

| Specification                  | F5-BIG-IP-10000S  |
|--------------------------------|-------------------|
| Application throughput (L4/L7) | 80 Gbps / 40 Gbps |
| Layer 4 CPS                    | 500,000 / sec     |
| L7 requests per second         | 1,000,000 / sec   |
| L4 HTTP requests per second    | 7,000,000 / sec   |
| Concurrent connections         | 36 million        |

| Specification       | F5-BIG-IP-10000S |
|---------------------|------------------|
| SSL TPS (2K keys)   | 21,000 / sec     |
| SSL bulk encryption | 22 Gbps          |

| Interface          | Count          |
|--------------------|----------------|
| 10GE fiber (SFP+)  | 16             |
| 40GE fiber (QSFP+) | 2              |
| Management         | 1 x 1000Base-T |
| Console            | 1 x RJ45       |
| Failover           | 1 x RJ45       |

| Component           | Specification                |
|---------------------|------------------------------|
| Processor           | Intel hex-core (12 threads)  |
| Memory              | 48 GB                        |
| Storage             | 2x 1TB HDD (RAID 1)          |
| SSL acceleration    | Hardware SSL                 |
| Power supply        | Dual 850W (80 Plus Platinum) |
| Typical consumption | 320W                         |
| Form factor         | 2U full-depth                |
| Weight              | 43 lb                        |

| Deployment               | Description              |
|--------------------------|--------------------------|
| Server load balancing    | L4/L7 load balancing     |
| Application acceleration | SSL offload, compression |
| Traffic management       | iRules, TMOS             |
| 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 10000S                                   |
| Lifecycle        | Legacy BIG-IP platform; reached end-of-sale        |
| 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-10000S                                      |
| 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.

| Field          | Value                                   |
|----------------|-----------------------------------------|
| Document title | F5-BIG-IP-10000S F5 Technical Datasheet |

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| Field            | Value                                                                |
|------------------|----------------------------------------------------------------------|
| Document version | v1.0                                                                 |
| Publication date | September 2026                                                       |
| Source publisher | LinkNewNet (independent reseller of pre-owned F5 Networks equipment) |
| Distribution     | Public                                                               |
| Language         | English                                                              |
| Contact          | sales@linknewnet.com                                                 |
| Website          | www.linknewnet.com                                                   |