

DATASHEET

Purpose-built Appliance

- Real-time system environmental and fault monitoring
- SNMP monitoring with Infoblox MIBS
- Redundant cooling fans
- ECC RAM
- Top quality, enterprise-class components
- Custom-designed chassis to meet US Government security requirements
- Service provider options with high-performance DNS caching, NEBS compliance and DC power

Purpose Built Appliances for High Performance, Reliable and Secure DNS, DHCP, IPAM (DDI), Orchestration and Network Automation

Infoblox appliances are purpose-built, high-performance hardware devices that form the foundation of Infoblox network services and management solutions. All models can be deployed individually or in high-availability pairs (HA)/distributed architecture for optimal service resiliency.

Appliance-based delivery of IP network services and management has become a recommended industry best practice for any size organization. Appliances are inherently more reliable, manageable, scalable, and secure than software running on general-purpose servers- as their operating systems are well understood and more easily compromised.

A Scalable Family of Hardware Platforms

The Infoblox appliance family offers a wide range of models that are designed to deliver the performance, capacity and availability required in each unique environment from the smallest branch office to the largest enterprise.



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Infoblox-250-A Network Services Appliance



The Infoblox-250-A network services appliance is designed to serve small enterprise and branch-office applications, and can be deployed as a standalone unit or in high-availability pairs. The Infoblox-250-A breaks the “white box barrier” because it’s priced at little or no premium to general-purpose servers with standard operating systems.

Infoblox-550-A Network Services Appliance



The Infoblox-550-A network services appliance is designed to serve small to medium enterprises and regional branch-office applications. The Infoblox-550-A can be deployed stand alone, as a Grid member or as a Grid master for smaller grids.

Infoblox-1050-A Network Services Appliance



The Infoblox-1050-A network services appliance platform is designed to serve small and medium-sized enterprises and branch-office applications, and can be deployed as a standalone unit or in high-availability pairs.

Infoblox-1102-A Network Automation Appliance



The Infoblox 1102-A network automation appliance is designed to automate network change, see the impact of changes on network health, manage network configurations and meet a variety of compliance requirements. The appliances supports NetMRI and NetMRI Operations Center.

Infoblox NT 4000 Network Automation Appliance



The Infoblox NT 4000 network automation appliance is designed for larger enterprises and service providers to automate network change, see the impact of changes on network health, manage network configurations and meet a variety of compliance requirements. The appliance supports NetMRI and NetMRI Operations Center.

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Infoblox-1550-A & Infoblox-1552-A Network Services Appliances



The Infoblox-1550-A and Infoblox-1552-A hardware platforms are designed to serve medium sized and large enterprises in headquarters and regional office environments.



The Infoblox-1552-A features redundant, hot-swappable power supplies for applications that require enhanced availability.

Infoblox-1852-A Network Services Appliance



The Infoblox-1852-A core network services appliance is targeted at large ISPs, telcos and other network operators that require high DNS caching throughput at the lowest possible TCO while increasing resilience and security.

Infoblox-2000-A Network Services Appliance



The Infoblox-2000-A hardware platform is designed for deployment in data centers, large enterprises, and service provider environments. The fault tolerant Infoblox-2000-A includes fully redundant, hot-swappable components to assure the reliability of all moving parts. Any failure of a component will not cause a failure of mission critical network services. There is no need to stop services or power down the appliance to perform maintenance or to replace a failed component.

The Infoblox-2000-A can be deployed singularly or as a Grid member for delivering scalable, high-performance external DNS services for an enterprise's Internet presence. In addition the Infoblox-2000-A is ideal for Large-scale Grid master for hundreds of Grid members, a Grid master candidate in a disaster recovery site or for internal core network services in a data center or a large campus network.

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Infoblox-250-A/550-A/1050-A/1550-A/1552-A 1852-A/1102-A	
Network Interfaces	2 10/100/1000 Base-T Ethernet (LAN ports) 1 10/100/1000 Base-T Ethernet (HA port) 1 10/100/1000 Base-T Ethernet (MGMT port)
AC Power Supply	Infoblox-250-A/550-A/1050-A/1550-A Input voltage: 100 to 240 VAC switchable, 47 to 63 Hz, 3A Output Power: 250W Infoblox-1552-A/1852-A/1102-A Input voltage: 100 to 240 VAC switchable, 47 to 63 Hz, 4A, redundant, dual input Output Power: 1552-A - 250W 1852-A/1102-A - 360W
Operating Temperature	35°F to 95°F (1.7°C to 35°C) / 5% - 95% relative humidity, non-condensing
Storage Temperature	-40°F to 122°F (-40°C to 50°C) 5% to 95% relative humidity, non-condensing
Dimensions and Weight	Infoblox-250-A/550-A/1050-A/1550-A Enclosure: 19 in. rack-mountable Height: 38.1 mm (1.5 in.); 1 rack unit Width: 438.2 mm (17.25 in.) Depth: 381 mm (15 in.) Weight: 13 lbs. (11 lbs. for 250) Infoblox-1552-A/1852-A/1102-A Enclosure: 19 in. rack-mountable Height: 38.1 mm (1.5 in.); 1 rack unit Width: 438.2 mm (17.25 in.) Depth: 545 mm (21.5 in.) Weight: 20 lbs.
Certifications	Safety: FCC, CE, TUV, CB, VCCI, C-Tick, KCC, CCC, NOM Environmental: WEEE & RoHS
Support	Standard warranty includes 90-day software support with one-year hardware support; upgradable

Infoblox-2000-A Hardware	
Network Interfaces	2 Physical 10/100/1000 Base-T Ethernet (LAN ports) 1 10/100/1000 Base-T Ethernet (HA port) 1 10/100/1000 Base-T Ethernet (MGMT port)
AC Power Supply	Input voltage: 100 to 240 VAC switchable, 50 to 60 Hz, 4A, redundant, dual input. Output Power: 400W
Disk and Fans	Four disks in RAID 10 array. Automatically resynchronizes with the disk array Three hot swappable, redundant fans.
Operating Temperature	41°F to 95°F (5°C to 35°C)
Storage Temperature	-40°F to 122°F (-40°C to 50°C) 5% to 95% relative humidity, non-condensing
Dimensions and Weight	Enclosure: 19 in. rack-mountable Height: 134 mm (5.25 in.); 3 rack units Width: 448 mm (17.6 in.) Depth: 578 mm (22.75 in.) Weight: 48 lbs. (21.8 kg)
Certifications	Safety: FCC, CE, TUV, CB, VCCI, C-Tick, KCC, CCC, NOM Environmental: WEEE & RoHS
Support	Standard warranty includes 90-day software support with one-year hardware support; upgradable

Performance and Capacity Specifications							
	Infoblox-250-A	Infoblox-550-A	Infoblox-1050-A	Infoblox-1550-A	Infoblox-1552-A	Infoblox-1852-A	Infoblox-2000-A
DNS Queries per Second	3,000	12,000	24,000	36,000	36,000	110,000	75,000
DHCP Leases per Second	50	75	150	250	250	300	750
Hardware Redundancy	N/A	N/A	N/A	N/A	Hot swappable redundant power supplies	Hot swappable redundant power supplies	Hot swappable redundant power supplies, fans and four disks RAID-10

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Infoblox NT 4000 Network Automation Appliance	
Ethernet Ports	MGMT, HA, LAN1, LAN2 – auto-sensing 10Base-T/100Base-T/1000Base-T
Serial Port	DB-9 (9600/8n1, Xon/Xoff)
USB Ports	Two USB 2.0/1.1 compliant
AC Power Supply	Input voltage: 100 to 240 VAC switchable, 47 to 63 Hz, 4A, redundant, dual input Output Power: 360W
Operating Temperature	50°F to 95°F (10°C to 35°C) 10% to 95% relative humidity, non-condensing
Storage Temperature	-22°F to 140°F (-30°C to 60°C) 10% to 90% relative humidity, non-condensing
Dimensions and Weight	Height: 85.9mm (3.38 in.); 2 rack unit Width: 445.4 mm (17.53 in.) Depth: 660.7 mm (26.01 in.) Weight: Approximately 60 lbs. (27.2 kg)
Average Heat Dissipation	1400 BTU (British Thermal Units)/hour
AC Power Supply	100 to 120V AC, 200 to 240 V AC 1200W Ad Rated input frequency: 50 Hz to 60 Hz Rated Input Current: 10A at 100V AC, 4.9A at 200V AC Rated Input Power: 930W at 100V AC input, 1348W at 240V AC input Heat Output (BTU/hour): 3530 at 120V AC input; 4600 at 200V to 240V AC input Maximum Peak Power: 800 W at 100V AC input; 900 W at 120V AC input; 1200 W at 200V to 240V AC input
Hardware Configuration	Eight (8) 300GB hard drives in RAID10 configuration (total of 1.2TB of storage)
Support	Standard warranty includes 90-day software support with one-year hardware support; upgradable

Infoblox Product Warranty and Services

The standard hardware warranty is for a period of one year. The system software has a 90-day warranty that will meet published specifications. Optional service products are also available that extend the hardware and software warranty. These products are recommended to ensure the appliance is kept updated with the latest software enhancements and to ensure the security and availability of the system. Professional services and training courses are also available from Infoblox. Information in this document is subject to change without notice. Infoblox Inc. assumes no responsibility for errors that appear in this document.