

The Symbiont Boot Appliance™

Enterprise Thin Client Solutions



The Symbiont Boot Appliance (SBA)

The Symbiont Boot Appliance boots diskless (stateless) thin clients and connects them to application servers running virtually any network delivery protocol. The Symbiont Boot Appliance connects diskless thin clients to servers that support the most popular thin client protocols: Windows Terminal Services (RDP), Citrix (ICA), X (Linux/Unix), NX (Linux/Unix), IBM 3270, AS/400, and thousands of other terminal emulators.



Specifications

Dimensions

- 1U Rackmount
- 16.7"(W) x 1.7"(H) x 14"(D) - 42.4cm(W) x 4.3cm(H) x 35.5cm(D)

Weight

- 16Lbs - 7.25kg

Power

- 100 – 240V, 50/60Hz, 5W Max
- Thermal controlled 260W AC supply w/ PFC
- UL Approved, FCC Compliant

Interfaces

- Network: Three (3) 10/100/1000Mbps
- USB: Two (2) USB 2.0 ports for extended diskless thin client swap-space
- *Keyboard, mouse, monitor ports for local secure management interface

Operating Ranges (Temp & Humidity)

- 0-50C; 5%-95%

Certifications

- ROHS compliant
- TUV-C, FCC Part 15 Class A, CE, VCCI, CNS, AN/NES

Warranty & Subscription

- 1 year limited hardware warranty included
- 1 year auto-renewing subscription included
- Extended warranty and subscriptions available

* This feature only available in select SBAs. or by special request.

Key Benefits

Security

- SSL-based web-driven setup and management interface
- Boot stateless (truly diskless) thin clients that contain no operating system, software, or file-system that needs to be updated or protected
- Diskless thin client settings and configurations are stored on The Symbiont Boot Appliance. Desktop devices contain no sensitive network information such as IP addresses and host names.

Scalability

- Boot up to 250 diskless thin clients
- Multiple SBAs can be deployed to support a limitless number of diskless thin clients
- Multiple sessions provide users with a choice of server and/or the ability to use multiple operating systems concurrently.

Reduced TCO

- A full range of supported protocols eliminates the complexity of finding compatible thin client devices.
- No embedded software means no management of internal software or time spent maintaining, repairing or replacing desktop hardware.

Feature Rich

- A growing list of Symbiont Certified diskless thin clients to meet any need.
- Create groups of diskless thin clients to easily manage and apply settings
- USB mass storage support
- View on/off status and power diskless thin clients up/down remotely
- Load balancing and failover between multiple SBAs
- An intuitive point-and-click graphical setup and management interface



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What is The Symbiont™ Solution?

The Symbiont™ Solution is a server-centric networking solution that reduces the costs and complexity of IT administration by simply eliminating the most troublesome aspect of the computer network - the personal computer. The Symbiont Solution consists of fixed, stateless computer workstations powered and controlled by The Symbiont Boot Appliance, which in turn, is connected to application servers. The resulting network is extremely secure, easy to manage and maintain, powerful, reliable, and scalable. Its ease of maintenance and stateless terminals are guaranteed to reduce the total cost of owning and operating the network (TCO). The Symbiont Boot Appliance connects diskless thin clients to a variety of environments that utilize the most popular protocols and systems in the industry, including Microsoft Windows Terminal Services (RDP), Citrix (ICA), Linux/Unix (X), NX Server (NX), TN5250/AS400, IBM3270, and virtually any mainframe protocol.

**Up to 250
Diskless Thin Clients**



**The Symbiont Boot
Appliance**



**Use the right applications
for your business**



Windows Desktops
Citrix or MS Windows
Terminal Services



Mainframes
IBM3270, AS400, etc



Linux Desktops
X or NoMachine's NX



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About Symbio Technologies

Symbio Technologies develops enterprise-class networks with a single goal in mind: Simplicity. A simple network is a manageable one - and that translates into lower costs, increased reliability, tighter security - and peace of mind. Symbio helps organizations break free of the common limitations, costs and headaches of computer networks by simply eliminating the most troublesome part of the network - the personal computer.

Symbio takes PCs off the desktop and replaces them with diskless thin clients - small desktop devices with no moving parts, no internal storage, no embedded operating system and no software. Simply turn them on, connect to the network and your users can access to the most up to date operating systems, applications and data as needed.

Symbio Technologies designs and manufactures hardware, software and services that enable businesses to reduce the time, complexity, and costs associated with deploying and maintaining computer networks.

Symbio's flagship thin client solution consists of a network appliance called The Symbiont Boot Appliance, stateless desktop terminals (diskless thin clients), and value-add subscription services. Our solutions connect users to a variety of environments that utilize the most popular protocols and systems in the industry, including Microsoft Windows Terminal Services (RDP), Citrix (ICA), Linux/Unix (X), NX Server (NX), TN5250/AS400, IBM3270, and virtually any mainframe protocol.

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