

Citrix ADC BLX Data Sheet

The power of Citrix ADC on Linux bare metal

Citrix ADC BLX is a new form factor for the software-centric Citrix ADC portfolio that maintains the operational consistency you require across your hybrid multi-cloud environments. Now you can deploy Citrix ADC on Linux on the hardware of your choice without any hypervisor or container overhead. This is a feature-rich ADC with a low memory footprint and offers operational consistency with your other Citrix ADCs and can be managed with your existing ADM.

As the only vendor that supports all ADC form-factors – Virtual machine (VPX), Container (CPX), Bare Metal (BLX), Physical (MPX), multi-tenant (SDX), and public cloud images – Citrix offers the largest portfolio and has an offering for all of your hybrid multi-cloud needs.

As a bare metal networking appliance, Citrix ADC BLX is designed to run as a dedicated service without any interruptions for extended periods. It is highly stable, durable, and reliable. Bare metal servers are single tenant environments and, as such, are free of the "noisy neighbor" effect that can haunt virtual environments.

Bare metal appliances offer an uncompromising experience. Resources are more readily available, network latency is minimized for better performance, and the tenant enjoys root access. Bare metal is highly customizable, and the tenant may optimize the hardware based upon their individual needs and even run additional modules alongside the Citrix ADC BLX.

Deploy Citrix ADC on the server of your choice

You probably have a preferred server vendor – or perhaps you build your own. Citrix ADC BLX runs as a Linux process and will run on the server hardware of your choice.

- No testing on vendor hardware to get it accepted into your environments
- Fewer maintenance contracts to manage

Hardware performance: No hypervisor or container required

With Citrix ADC BLX there is no need for a hypervisor or container layer. This means the ADC has direct access to the hardware. Running Citrix ADC BLX directly on the operating systems means:

- No hypervisor costs
- More consistent and predictable performance
- Greater processing capacity – up to 40Gbps

Software flexibility: Deploy with your existing software tools

Citrix ADC BLX is distributed as a Linux software package which means that you are able to use your existing data center tools to deploy and manage it as a workload.

Single code base for operational consistency

Like all Citrix ADC form factors, Citrix ADC BLX runs on the same code base as all the other Citrix ADC form-factors.

- Same look and feel
- Equivalent editions: Standard, Advanced, Premium
- Consistent API for easy automation and data collection
- Manage all your ADC deployments from a single pane of glass with Citrix ADM

Consumption-based licensing for flexible adoption

Citrix ADC BLX is sold as an entitlement as part of Pooled Capacity and vCPU subscription licensing. This means that you have the flexibility to deploy the capacity you require where you need it across any part of your environment and move it freely when you want.

- Lower CapEx outlay
- Flexible licensing options

Technical Requirements

BLX Model	Minimum Memory	vCPUs	Throughput	Supported Linux Distribution
Non-DPDK	4 GB	1-10	1-10 Gbps	CentOS & Oracle Linux
DPDK (Beta)	4 GB	1-20	1-40 Gbps	CentOS & Oracle Linux



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