

EX-series: EX500W

Features

- Powered by Intel Quad-Core N5095 2.0 GHz (2.9 GHz Burst Frequency)
- 64GB eMMC and 8GB DDR SDRAM
- Optimized for Citrix HDX (Virtual Apps and Desktops), Microsoft (AVD, Windows 365, RDS), Amazon WorkSpaces, and NComputing (VERDE VDI, VERDE Remote Access, vSpace Pro Enterprise)
- Remotely manage endpoints via the web with PMC Endpoint Manager
- Local application support for direct access without a full VDI desktop
- Native dual monitor ports up to 4096x2160 @ 60hz
- USB 3.0 (2 ports) and USB 2.0 (2 ports) with transparent redirection
- 5GHz and 2.4GHz 802.11 ax Wi-Fi with Personal and Enterprise 802.1x security [EX500W only]
- 10/100/1000 Ethernet (RJ45 port)
- Integrated VPN support (OpenVPN, OpenConnect, FortiClient, IPsec and PPTP)
- 3.5mm audio port (audio-in/out)

Hardware SKUs

- EX500W | SKU: 700-0048
 - EX500S | SKU: 700-0046
(Special order only)
- These devices are technically identical except EX500S does not have a WiFi module.

Licensing

EX-series devices include:

- Activated LEAF OS perpetual license
- 1-year of Device AMP coverage (software updates & support)
- PMC Endpoint Manager

Licensing SKUs

- SKU: NC-AMP-RXRDP-1A | Software/firmware updates & support after year one.
- SKU: vSpacePro-LeafOS | Use EX-series with vSpace Pro Enterprise.

A High-Performing, Affordable Endpoint Solution for Citrix, VMware Horizon, Microsoft, Amazon WorkSpaces, and NComputing Desktop Virtualization Platforms.

The EX500W thin client provides optimized connectivity to multiple virtualization platforms. Using the x86-64 CPU architecture, they offer outstanding performance and value. Features include 4K Ultra HD video, dual monitor ports, gigabit ethernet, WiFi, and broad peripheral support.



Multi-platform optimization

- **Citrix:** Virtual Apps and Desktops. Optimized for Microsoft Teams. Supports Browser Content Redirection (BCR) to utilize local capabilities.
- **VMware Horizon:** VMware Blast and RDP support. Optimized for Microsoft Teams, and support Browser Content Redirection and local Multimedia Redirection (MMR) to utilize local capabilities.
- **Microsoft:** Support for Azure Virtual Desktop (AVD), Windows 365 Cloud PC, and Remote Desktop Services (RDS).
- **Amazon:** Amazon WorkSpaces with Streaming Protocol (WSP) enables high-performance remote access across various workloads.
- **NComputing:** VERDE VDI, VERDE Remote Access, and vSpace Pro Enterprise.

Powered by LEAF OS

LEAF OS is our small Linux-based operating system designed specifically for secure, high-performance access to virtual desktops and cloud workspaces. Flexible in its deployment, LEAF OS enables user access to multiple virtual desktop platforms from thin clients and personal computers.

PMC Endpoint Manager: Central management & express deployment

EX-series devices are easy to configure using PMC Endpoint Manager software. Remotely manage devices over local and wide-area networks, including locations behind firewalls and NAT routers, through an easy-to-use web-based user interface. Define multiple device profile configurations, push to individual or grouped devices, and schedule updates, including firmware. A dashboard overview and detailed event log provide valuable information about your deployment. Easy to use for smaller organizations yet powerful enough to manage large cross-organizational deployments across multiple geographic locations, PMC simplifies.

Local application support

LEAF OS includes select local applications that run on the device, not through a virtualization platform. Direct access to the web via Chromium Browser eliminates virtualization lag. Microsoft Teams PWA and Zoom both benefit from direct audio/video relay, eliminating common concerns of web conferencing through virtual platforms. Additional third-party Linux applications can be installed in LEAF OS via the custom module support to further extend its functionality. LEAF OS controls these apps' availability and deployment method, with a Guest Mode option for Kiosk use.

Supported platforms:

Citrix

- Citrix DaaS
- Citrix Virtual Apps and Desktops 7 1808 or newer
- Citrix StoreFront 3.0 or newer, StoreFront 1811 or newer (including connections through Citrix Gateways)
- Citrix XenApp/XenDesktop 7.6 or newer
- Citrix Web Interface 5.4

Microsoft

- Azure Commercial Cloud (Spring 2020 and Fall 2019)
- Azure U.S. Government Cloud
- Windows 365 Cloud PC
- Windows 365 Frontline
- Remote Desktop Services (RDS)
- Windows Server 2008 R2, 2012 R2, Multipoint Server 2012, 2016, 2016 Multipoint Services, 2019, 2022
- Windows 7, 8.1, 10, 11

VMware

- VMware Horizon Cloud
- VMware Horizon 8 (2006 & later)
- VMware Horizon 7.13 & later

NComputing

- VERDE VDI and VERDE Remote Access version 8.2.7 or higher
- vSpace Pro Enterprise 12.5.2 or higher

Amazon

- Amazon Workspaces with WSP protocol support

HARDWARE	DESCRIPTION
KIT CONTENTS	1 access device, power supply, VESA mount kit, and a Quick Installation Guide.
SIZE	Width: 123 mm, Depth: 123 mm, Height : 22.8 mm
POWER CONSUMPTION	Idle/Sleep mode 5W / 2.5W
DISPLAY	Intel UHD graphics supporting resolutions up to 4096 x 2160 @ 60Hz in dual display mode. (2x HDMI ports)
CPU	Intel Celeron N5095 Quad-Core 2.0GHz (2.9 GHz Burst Frequency)
MEMORY	8GB DDR SDRAM
STORAGE	64GB eMMC
POWER	Power button (on/off)
NETWORK AND CONNECTIVITY	LAN (RJ-45 10/100/1000 Base-T) 802.11 ax dual band WiFi module [EX500W only]
AUDIO	3.5mm audio jack (audio in-out)
VIDEO RESOLUTIONS	Maximum hardware resolution (per HDMI port): 4096x2160 @ 60hz Platforms with lower maximum recommended resolutions: • Microsoft RDP & VERDE VDI: 2560x1600 • vSpace Pro Enterprise: 2560 x 1440
PERIPHERAL PORTS	USB 3.0 (2 ports) and USB 2.0 (2 ports). USB devices are transparently redirected providing support for mass storage, printers, scanners, smart card readers, headsets/speakers, webcams, COM ports, and 3D mice. Network-connected printers are also available.
MOUNT	VESA mount kit included
FIRMWARE MAINTENANCE	Firmware maintenance updates are included free for one year from date of EX500 device activation with a valid LEAF OS license.
WARRANTY	1 year hardware warranty included; Optional extended hardware warranty available

SOFTWARE	DESCRIPTION
OPERATING SYSTEM	NComputing LEAF OS (Linux)

EX-series products have been EMI certified according to FCC, CE, and KCC standards.

Connections

