

# 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
<b>KIT CONTENTS</b>	1 access device, power supply, VESA mount kit, and a Quick Installation Guide.
<b>SIZE</b>	Width: 123 mm, Depth: 123 mm, Height : 22.8 mm
<b>POWER CONSUMPTION</b>	Idle/Sleep mode 5W / 2.5W
<b>DISPLAY</b>	Intel UHD graphics supporting resolutions up to 4096 x 2160 @ 60Hz in dual display mode. (2x HDMI ports)
<b>CPU</b>	Intel Celeron N5095 Quad-Core 2.0GHz (2.9 GHz Burst Frequency)
<b>MEMORY</b>	8GB DDR SDRAM
<b>STORAGE</b>	64GB eMMC
<b>POWER</b>	Power button (on/off)
<b>NETWORK AND CONNECTIVITY</b>	LAN (RJ-45 10/100/1000 Base-T) 802.11 ax dual band WiFi module <b>[EX500W only]</b>
<b>AUDIO</b>	3.5mm audio jack (audio in-out)
<b>VIDEO RESOLUTIONS</b>	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
<b>PERIPHERAL PORTS</b>	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.
<b>MOUNT</b>	VESA mount kit included
<b>FIRMWARE MAINTENANCE</b>	Firmware maintenance updates are included free for one year from date of EX500 device activation with a valid LEAF OS license.
<b>WARRANTY</b>	1 year hardware warranty included; Optional extended hardware warranty available

SOFTWARE	DESCRIPTION
<b>OPERATING SYSTEM</b>	<i>NComputing LEAF OS (Linux)</i>

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

## Connections

