

HP ZCentral Remote Boost

HP ZCentral Remote Boost (formerly known as HP Remote Graphics Software) is the latest pro-grade solution that harnesses the power of a Z Workstation. Give your power users the performance boost they need to tackle the most demanding, graphics-intensive projects from anywhere.

TURN YOUR DEVICE INTO A Z

Now, with our revolutionary software, your power users can get a transformative remote experience. Give them fast responsiveness and image quality, even with film editing and big data visualizations¹. Plus, ZCentral Remote Boost is compatible with Windows, macOS, and Linux^{®3}.

PRO-GRADE COLLABORATION

Our proprietary remote collaboration technology allows global teams to work together in real-time, even on 3D models.

SECURELY ACCESS YOUR DATA

Regardless of what's sent over the network, your information is always encrypted. ZCentral Remote Boost transfers pixels only, so your data remains locked down.

With ZCentral Remote Boost, you get a remote experience developed specifically for the demanding, graphic-intensive work for creatives and power users.

ZCENTRAL REMOTE BOOST FEATURES

ADAPTIVE RESOLUTION



Power users and those they remotely collaborate with can dynamically resize the content to match the resolution of the device they're working on or match it to the centralized hardware they're tapping into⁵.

WACOM SUPPORT



Compatible with Wacom displays & tablet devices, enabling creative professionals with pen input for digital workflows⁶.

4K² & MULTI- DISPLAY SUPPORT



ZCentral Remote Boost supports 4K² and multi-display setups, so your users can have the flexibility to work from almost any endpoint device³.

REMOTE USB



With local control and access, you can virtually attach or block a USB device to a remote system⁷.

GRAPHICS HARDWARE ACCELERATION



Achieve optimal performance, even with low network bandwidth. With Advanced Video Compression (AVC), the pixels being sent over the network are compressed to improve your frame rate⁴.

OPERATING SYSTEMS



Our software is compatible with the latest versions of desktop operating systems including Windows, macOS and Linux[®].

HP VELOCITY



Break free of your network limitations with HP Velocity. Our software improves latency in wide area networks and increases network traffic tolerance for solid performance even over poor connections.

ZCentral Remote Boost Components:

- The ZCentral Remote Boost **Receiver** is available for download on all supported platforms without a license.
- The ZCentral Remote Boost **Sender** does not require a license purchase on HP Z Workstations, HP ZBooks and HP VR Backpacks.
- The ZCentral Remote Boost **Sender** requires a Standard, Floating, or Trial license to run on all other hardware or virtualization solutions.

HP ZCentral Remote Boost License Products¹

License Type	Description	Product #
HP ZCentral Remote Boost STD E- LTU v20	Standard License - One license required for each ZCentral Remote Boost Sender desktop on Non-Z hardware or virtual machine. NOTE: product only available until February 28, 2022.	9TS60AAE
HP ZCentral Remote Boost FLT E-LTU v20	Floating License - One license required for each concurrent connection. Licenses are checked out from license server on a concurrent use basis up to the number of licenses purchased. NOTE: product only available until February 28, 2022.	9TS61AAE
Teradici CAS CA+ License	CA+ License — Licenses HP ZCentral Remote Boost v22 for multiple systems or VMs. Requires cloud access or a license server to be installed in your environment. CA+ license is purchased for a specific number of concurrent HP ZCentral Remote Boost systems. NOTE: product is available through Teradici.	TCAP01YP

HP ZCentral Remote Boost Hardware, Software, and OS Support

The ZCentral Remote Boost Sender and ZCentral Remote Boost Receiver are supported on all personal computers, thin clients, and virtual machines that meet the minimum system requirements and run one of the supported operating systems³ listed below.

Supported Operating Systems

OS	OS Version	Receiver	Sender
Windows	10, 11	✓	✓
RHEL	7, 8	✓	✓
Ubuntu	18.04, 20.04	✓	✓
macOS	10.14 or newer	✓	
HP ThinPro	7.2	✓	

NOTE: Supported Linux distributions may require specific versions of the kernel, xorg.config, and/or xserver.

Sender System Requirements

- Sender performance benefits from AMD or NVIDIA graphics and 4 or more cores.
- Systems with integrated graphics benefit from populating all memory channels.

Receiver System Requirements

Display Load	Component	Single 1080p monitor	Single 4K monitor
Video	CPU	2 core / 4 thread	4 core / 8 thread
	Memory	4 GB	8 GB
	Graphics	Entry	Midrange
	Available Storage	70 MB	70 MB
	Network	802.11a	1 Gbps LAN
3D Graphics	CPU	2 core / 4 thread	4 core / 8 thread
	Memory	8 GB	16 GB
	Graphics	Entry	Midrange
	Available Storage	70 MB	70 MB
	Network	802.11a	1 Gbps LAN

Advanced Video Compression (AVC) Feature Requirements

- AVC sender GPU encoding: NVIDIA® Quadro® and GeForce® cards and drivers that support NV Encode (Windows and Linux) or Intel processors that support Quick Sync Video (Windows only)
- AVC receiver decoding: Two or more cores

Supported Wacom Devices

- Intuos Pro: PTH-460, PTH-660, PTH 860
- Cintiq Pro: DTK-2420, DTH-3220

HP Certified Sender Hardware

- HP Z Workstations, HP ZBooks

HP Certified ZCentral Remote Boost Receiver Thin Clients

- HP t530/t540
- HP t628/t638, t630, t640
- HP t730/t740
- HP mt45/mt46
- HP ThinPro PC Converter software (remote USB not supported when OS is running from a USB key)

ZCentral Remote Boost for Centralized and Virtual Workstations

ZCentral Remote Boost can deliver an exceptional remote workstation experience from a virtual workstation (VM) running with dedicated graphics (GPU pass through) or virtualized graphics (vGPU). For the best experience, the VM must support professional AMD or NVIDIA graphics, AVC hardware acceleration, and be setup properly. If the additional benefits of a session broker are required, several brokers, including HP ZCentral Connect and Leostream Connection Broker, support ZCentral Remote Boost.

Supported Hypervisors: VMWare, KVM

NOTE: A license is required for each VM when running ZCentral Remote Boost on a virtualized sender.

NOTE: Citrix HDX agent and ZCentral Remote Boost Sender should not be loaded on the same VM as they will conflict with each other.

ZCentral is designed to empower your global workforce. Try before you buy: 60-day evaluation license, software, user guides and white papers available for download from our website: hp.com/ZCentralRemoteBoost

Software, user guides and whitepapers are available for download at hp.com/zcentral.

Liberate the Work.

Centralize the Power.

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www.hp.com/zcentralremoteboost

1. HP ZCentral Remote Boost Sender does not come preinstalled on Z Workstations but can be downloaded and run on all Z Workstations (desktops and laptops) without license purchase through December 31, 2022. License purchase is required to use ZCentral Remote Boost Sender on non-Z hardware. Starting December 15, 2021, a CA+ subscription (ZCentral Remote Boost and Teradici CAS) can be purchased at <https://teradici.com/products/future-of-remote-compute>. ZCentral Remote Boost Sender requires Windows 10 or 11, RHEL/CentOS (7 or 8), or UBUNTU 18.04 or 20.04 LTS operating systems. macOS (10.14 or newer) operating system and ThinPro 7.2 are only supported on the receiver side. Requires network access. The software is available for download at hp.com/ZCentralRemoteBoost.
2. 4K display for 4K resolution sold separately.
3. HP ZCentral Remote Boost sender for non-Z hardware requires a license and Windows 10 or higher, RHEL/CentOS (7 or 8), or UBUNTU (18.04 or 20.04) LTS operating system. macOS (10.14 or newer) operating system and HP ThinPro 7.2 are only supported on the receiver side. Internet access required.
4. Hardware-accelerated encoding is supported on certain CPU configurations on the Sender devices and is supported on Windows, Linux®, and macOS end-point, receiving devices.
5. Resolution matching on Linux® may require additional X-server setup. Scaling the Sender desktop on the end-point, receiving device is only available on HP ZCentral Remote Boost 2020 and 2022.
6. Wacom devices sold separately.
7. Not all USB devices supported. Remote USB is supported on Windows and ThinPro Receivers and Windows Senders. See user guide for more on USB devices.

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Date of change:	Version:	Description of change:
March 2020	v1.0	Original Version
April 2021	v2.0	Updated Wacom support
April 5, 2021	v2.1	Updated Features section, supported OS, and disclaimers
May 20, 2021	v2.2	Features messaging, ThinPro 7.2, Wacom supported devices
June 28, 2021	v2.3	Added AMD Graphics
September 2021	v3.0	Added Receiver system requirements table. Updated document formatting and arrangement.
December 2021	V4.0	Updated OS support. Updated license table with CAS and removed 1 year support license rows. Updated disclaimers.
February 2022	V4.1	Updated license product table.