

# HP Remote System Controller for Universal KVM

## Complete Out of Band Remote Workstation Management

This remote out-of-band management solution gives you the power to monitor and manage a workstation fleet without compromising control, all from a single interface. Quick-to-deploy, scalable, and with strong security— now you can provide support and maintenance from anywhere.<sup>1</sup>



\*Product image may differ from actual product

### Workstation Fleet Management - From Anywhere

Remotely launch a KVM session and perform out-of-band management tasks such as pre-boot access, BIOS updates, and re-imaging.<sup>2</sup> Without compromising control, deploy a fleet of workstations and give power users dedicated access to high performance devices.

### One Dashboard. All Access.

Consolidate workstation fleet management into a single dashboard—anywhere.<sup>3</sup> Provide maintenance and support while receiving reports and insights at a glance. Optimize your infrastructure and resolve issues before they affect end users.

### Multiple options for Easy Deployment

Deploy an ideal solution with flexible options across hardware and software. Choose an internal or external controller—compatible with Z by HP workstations<sup>4</sup> and other compute devices<sup>5</sup>—and embedded or browser-based public cloud management software.<sup>3</sup>



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## Featuring

### Redfish®

Based on Redfish® API, HP Remote System Controller can be used with your own fleet management tools, allowing for seamless integration into a hybrid IT environment.

### Hardware Alerts and Reports

Increase efficiency and uptime by receiving hardware alerts and consolidated reports across devices directly to your admin interface. With early diagnosis you can develop insights and reduce downtime by quickly acting on critical failures.<sup>6,7</sup>

### HP Remote System Management

Manage your entire fleet of devices from a single interface. With cloud-based software, access hardware from any network without having to use a VPN. Access to HP Remote System Management is included with purchase of the HP Remote System Controller.<sup>3,8</sup>

### Embedded Software

With one-to-one access, manage a single hardware device and launch a KVM session to get system information such as the model number and BIOS version. Access hardware from a wide variety of network connections without having to modify network configurations or use a VPN.<sup>1,8</sup>

### Two Form Factors

Get the flexibility you need with two options to configure the HP Remote System Controller. Choose between the internal or external form factor to best fit your new or existing compute devices.<sup>9</sup>

### Advantage with Z by HP Workstations

Increase manageability capabilities by pairing the HP Remote System Controller with Z by HP Workstations. Get additional features such as direct communication with the BIOS, control of the power button signal, and hardware alerts.<sup>10</sup>

### Remote Power Control

Manage centralized hardware remotely with direct control of the power button signal, giving you the ability to power on, off, or reboot individual workstations or pools of systems from any state.<sup>11</sup>

### Bare Metal Imaging

Deploy workstations without any pre-configurations, and with HP Remote System Controller, completely image, configure, or re-image the operating system and software from any location.<sup>1</sup>

### Virtual Media

With onboard storage and the ability to save encrypted read-only files, the HP Remote System Controller allows for OS installation images and software to be installed on workstations remotely.

### Security You Need. Control You Want.

Security is your top priority, so we are designing the hardware and software based on strong security industry standards, completing extensive testing, third-party reviews, and certifications to ensure maximum security.



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## Specifications

<b>Product number</b>	7K7N2AA
<b>Supported platforms</b>	As a Universal KVM, all platforms are intended to be compatible if they can interface with both the DisplayPort™ Input and USB Input ports. Power Control, Host Power Status, and Host Power are available with the HP Z4/Z6/Z8 G4 and ZCentral 4R platforms when using the HP Z4/Z6/Z8 G4/ZCentral 4R Remote System Controller Cable Adapter (7K6E5AA) and the Main Board Adapter (included in 7K6D7AA or sold separately as 7K6D8AA. The Z2 G9 and Z4/Z6/Z8 G5 platforms and later all support full compatibility using the kit 7K6D7AA for the HP Remote System Controller.
<b>Compatibility note</b>	The latest BIOS update is required so the host provides power to the HP Integrated Remote System Controller in all host power states. By installing the HP Z4/Z6/Z8 G4/ZCentral 4R Remote System Controller Cable Adapter, power will be stolen from the front USB ports on the host. This was necessary to be able to power the Remote System Controllers in all power states, and it leaves the front USB ports unpowered and unusable.
<b>UPC number</b>	197192572962
<b>Port and connectors</b>	Left: 1 RJ-45 1 Z Desktop Power and Signal Interface 1 Mini DisplayPort™ 1 USB Type-A 5Gbps signaling rate Right: 1 Standard Kensington lock slot 1 12 V DC power jack 1 RJ-45
<b>Port and Connectors note</b>	The RJ-45 port on the left side is a 1 GbE port intended for network pass through; An external power adapter is only required for use with non-Z desktop workstation systems. Z desktop workstations receive power through the Z Desktop Power and Signal Interface port
<b>Power supply</b>	Input: 100 - 240 VAC 50/60 Hz 1.2 A; Output: 12 VDC 3.33 A (40 W) <sup>1,2,3</sup>
<b>Warranty</b>	HP standard one-year limited warranty
<b>What's in the box</b>	HP Remote System Controller USB Type-A to Type-A cable (1 m) DisplayPort™ to Mini DisplayPort™ cable (1 m) CAT 5E Ethernet cable (1 m) LiteOn AC to DC adapter Quick Start Guide
<b>Dimensions (W x D x H)</b>	5.12 x 2.76 x 1.38 in
<b>Weight</b>	0.67 lb
<b>Package dimensions (W x D x H)</b>	16.50 x 7.38 x 3 in;
<b>Package weight</b>	2.70 lb;
<b>Operating temperature range</b>	0 to 40°C; 32 to 104°F



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## Footnotes

### Messaging Footnotes

<sup>1</sup> Internet access required.

<sup>2</sup> Internet access required. Automation of tasks available with select Z desktop workstations.

<sup>3</sup> Internet access required. Fleet management requires HP Remote System Management.

<sup>4</sup> HP Integrated Remote System Controller not compatible with Z2 Mini platforms and not recommended for non-Z devices.

<sup>5</sup> HP service and support not available for non-Z devices.

<sup>6</sup> Full suite of hardware alerts available with select Z desktop workstations.

<sup>7</sup> HP Remote System Management required to view consolidated reports from all devices paired with HP Remote System Controller or HP Integrated Remote System Controller.

<sup>8</sup> Viewing system information is only available when paired with select Z desktop workstations.

<sup>9</sup> HP Integrated Remote System Controller not compatible with Z2 Mini platforms and not recommended for non-Z devices.

<sup>10</sup> Based on HP's unique and comprehensive security capabilities at no additional cost among desktop workstation vendors as of January 2017 on HP Desktop Workstations with 7th Gen and higher Intel® Processors.

<sup>11</sup> Remote Power Control feature only available when HP Remote System Controller or HP Integrated Remote System Controller is paired with select Z desktop workstations.

### Technical Specifications Footnotes

<sup>1</sup> The AC power cord is localized to provide compatibility with most countries.

<sup>2</sup> The expected maximum wattage of the HP Remote System Controller is 18 W with idle power expected in the 4 - 5 W range.

<sup>3</sup> Power supply is only included with the HP Remote System Controller for Universal KVM (7K7N2AA), to provide power to the Remote System Controller when power from the host is not available.

