



Arm Mount and Pedestal Stand Support on the Z1 Workstation

Introduction

HP revolutionized the workstation industry when it announced the Z1 all in one workstation in February 2012 by creating a product that set new standards for quality, performance, serviceability and reliability in a unique form factor. To create the best possible intuitive and ergonomic experience for every Z1 customer, HP has partnered with a few leaders in the display arm mounting segment to provide customers with alternative methods to mount and adjust the Z1 and even provide support for dual monitors.

The Z1 workstation has a maximum configuration weight of ~32 pounds, making most third party arm and pedestal options insufficient. The same HP engineers that designed the award winning Z1 specified several rigorous tests to be conducted by Ergotron, Ergomart, and Humanscale—and upon successful completion certified that each arm will remain functional after years of use while still providing seamless integration into each customer’s workflow for maximum possible comfort and efficiency.

Below are the supported arms for the Z1; the remainder of this paper will provide details for each.

Arm/Stand Option	Direct Link	Price (w/ HP discount)
Humanscale Custom Para/Flex	http://www.humanscale.com/products/product_detail.cfm?group=Para/Flex	\$385.80
Ergomart HD Monitor Arm	http://ergomart.com/HD_LCD_monitor_arms/lcd_monitor_arm_SAA2415details.htm	\$420.00
Humanscale M8 Arm	http://www.humanscale.com/products/product_detail.cfm?group=m8	\$485.00
Ergotron Neo-Flex Widescreen Lift Stand	http://www.ergotron.com/ProductsDetails/tabid/65/PRDID/242/language/en-US/Default.aspx	\$149.00

Humanscale Custom Para/Flex

The original Humanscale Para/Flex is designed to support up to 8 24” monitors, making it one of the strongest industrial arms available. HP worked with Humanscale to design a Custom Para/Flex that will support a Z1 alongside an additional display (up to 27”). This unit will be offered at a retail price of \$385.80 and can support two monitors weighing up to 40 lbs. each.

The product has a very straightforward setup and mounts directly onto the Z1’s 100mm VESA mount on the back panel. Customers will be able to move the system side to side, rotate it on the ball and socket joint attached to the stand, and will require the height of the stand to be adjusted before attaching the display. No adjustment to the ball and socket joint is needed by the customer—Humanscale has designed the joint to accommodate the full weight of the Z1 while still allowing it to be adjusted once the system is attached. Interested customers should contact Steve Bender (sbender@humanscale.com 203-373-1377), and Gina Krause (gkrause@humanscale.com 800-400-0625 x2116) to receive the custom arm and special discount. NOTE: the Z1 must be removed from the stand in order to be upgraded or serviced.



Ergomart HD Monitor Arm

The Ergomart SAA2415 “HD Monitor Arm” is rated for use with support of one Z1 (with no additional displays) up to 62lbs. In order to support this much weight, it needs to be configured with the appropriate “Arm Strength” and “Tilter Head”. These are both options when ordering the arm. This solution is very intuitive and allows customers full range of motion to position the Z1 in whichever way is most comfortable to them. This arm retails at approximately \$420. As the Ergomart HD monitor arm is set by default to support a much heavier monitor than the Z1 it will require a bit of calibration by the customer to allow the Z1 to be adjusted freely (instructions provided with the arm). Customers may experience a bit of “float” when adjusting the arm. NOTE: the Z1 must be removed from the stand in order to be upgraded or serviced.

The arm can be purchased at: http://ergomart.com/HD_LCD_monitor_arms/lcd_monitor_arm_SAA2415details.htm



Humanscale M8 Arm

The Humanscale M8 monitor arm is rated for up to 42lbs, enabling it to hold up to one Z1. This arm is preconfigured and may require minimal calibration from customers after assembly. The arm will be offered at a price of \$485 and can be purchased at: http://www.humanscale.com/products/product_detail.cfm?group=m8. Humanscale has a quick release designed for easily detaching the Z1. NOTE: the Z1 must be removed from the stand in order to be upgraded or serviced.



Ergotron Neo-Flex Widescreen Lift Stand

The Ergotron Neo-Flex is an alternative to the default Z1 stand; it provides customers the ability to tilt, 5” height adjust, and portrait to landscape rotation without the larger profile of the Z1 stand. Ergotron has designed the stand so that it should require little calibration out of the box from customers and can be adjusted easily and intuitively without any knobs or levers. This stand does NOT allow the Z1 to recline into service mode. The product can be purchased for \$149 and can be found at: <http://www.ergotron.com/ProductsDetails/tabid/65/PRDID/242/language/en-US/Default.aspx>. NOTE: the Z1 must be removed from the stand in order to be upgraded or serviced.



How Many Systems Can Each Stand Support?

Arm/Stand Option	Supports 1 System or Display	Supports 2 Systems or Displays
Humanscale Custom Para/Flex	✓	✓
Ergomart HD Monitor Arm	✓	
Humanscale M8 Arm	✓	
Ergotron Neo-Flex Widescreen Lift Sand	✓	

Conclusion

As a technology leader, HP continues to design revolutionary new products and allows only the highest quality aftermarket options to be offered alongside its workstations. The display arms and pedestal stands approved for the Z1 have been evaluated by HP engineers and are guaranteed to provide a comfortable premium experience to each customer.

For more information

hp.com/go/whitepapers

Whitepapers with more depth on the capabilities and benefits of HP Z Workstations

hp.com/go/workstations

Information about HP Workstations

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