

## Kell Systems US list prices, January 2009 (not including state taxes, shipping and handling)

### Model PSEM ComputerVault Mini

Air-cooled acoustic computer enclosure for small office installations

Kell Systems ComputerVault Mini is specifically designed to house a complete small-office IT installation comprised of one or two servers, network hardware and peripheral devices. It accepts tower form factor servers or can be converted to accept rack form factor servers using Kell's model PSEMR 4-post, 12U rack mount conversion kit.

ComputerVault Mini enables deployment of servers and network hardware directly in the office workspace, doing away with the need for a dedicated computer room. It combines extreme noise reduction and high thermal capacity with exceptional reliability and an all-inclusive, plug-and-play specification. A host of installer-friendly features ensure quick and easy deployment and the cabinet's office-quality appearance blends seamlessly into any workspace environment. The low profile design and standard heavy-duty castor wheels allow it to be installed beneath a standard-height office desk if required.

#### Are my systems compatible with ComputerVault Mini?

ComputerVault Mini is compatible with modern tower servers such as HP ProLiant ML100/ML300 series, Dell PowerEdge 1900/2900 and IBM System x3105 and x3200 towers, subject to a maximum total thermal load of 800 watts.

With the optional Kell part code PSEMR rack conversion kit installed, the resulting 12U, 4-post rack is compatible with HP ProLiant DL-class rack mount servers using their standard HP Sliding Rail kits. Other rack mount servers such as Dell PowerEdge R200, R300, SC1435 and 860 and IBM System x rack mount servers can also be installed, using the optional Kell PSEMR rack conversion kit in conjunction with the optional Kell PSEMF Fixed Server Rail kit. One PSEMF Fixed Rail kit is required per server in this instance.

ComputerVault Mini is compatible with most servers and other hardware from these and other manufacturers, the constraining factors being a maximum total thermal load of 800 Watts and a maximum server depth measurement of 700 mm / 27.5 inches. If you have questions on server compatibility with ComputerVault Mini, please consult your Kell Systems representative before ordering.

ComputerVault Mini has little or no adverse effect to server operating temperatures compared to running the equipment in free space, yet it reduces server noise to such an extent that it goes unnoticed in daily use, even when working close by.

#### Options:

Part code PSEMR 4-post, 12U rack conversion kit.  
Part code PSEMF Fixed Rail kit. 1 kit required for each rack mount server except for HP DL-class (see above)  
Part code PSEMS equipment shelf for modems, routers, switches etc.  
Part code PSEMD extra-deep drawer for discs, manuals, spare tapes etc.

#### Specification:

External dimensions:	Height 670 mm (26.3 ins) x Width 690 mm (27.7 ins) x Depth 930 mm (36.6 ins)
Noise generated by empty cabinet:	39 dBA
Noise reduction to hardware in cabinet:	18.5 dBA attenuation to server noise of 64 dBA
Typical total noise, 2 x servers operating:	43 dBA (example: 2 x mid-spec HP DL380 servers, 30% CPU and system load)
Total noise, 2 x servers inc. full virtualization:	44.5 dBA (example: 2 x mid-spec HP DL380 servers, 100% CPU and system load)
Integrated mains power distribution:	3 x US NEMA 3-pin outlets in rear of cabinet.
Maximum recommended thermal load:	800 Watts
Power consumption of empty cabinet:	60 Watts total power consumed by cabinet's integral forced air cooling system
Physical security:	Fully lockable with the same key for front and rear locks



Laminate Finish	Code
Dark Gray	G059
Dark Gray Sides / Light Oak Doors and top	C014

Model	Code	Price
ComputerVault Mini	PSEMUUK	\$1370.00

Accessories	Code	Price
12U Rack Conversion Kit	PSEMR	\$130.00
Fixed Server Rail kit	PSEMF	\$55.00
Drawer	PSEMD	\$130.00
Equipment Shelf	PSEMS	\$48.50