

Our Most Compact 24.1" Triple Screen Xeon Workstation



Folded for the transit case



Side doors cover I/O without restricting airflow



The MaxPac XC family of compact portable workstations provides the same features as the MaxPac XL, but in a more compact chassis, and with the flexibility of either dual or single Xeon processors. While it uses the same optical, SSD system storage and data disk storage magazines and supports the same number of option slots, we have changed the display mount and feet to save space. This allows this workstation to fit into the Pelican iM2975 transit case thereby reducing the volume of the transit case by 35%. While the weight of the workstation is effectively unchanged, the weight of the transit case is reduced considerably allowing this package to fly as checked baggage. Drop hinged side covers protect all I/O without restricting any air flow. Service access is from a single hinged rear panel.

A choice of either single, dual or triple displays are available and can be driven from your choice of the latest nVidia graphics Quadro cards, such as the P2000, P4000, P5000 or P6000 depending on your GPU processing requirements.

System disk can be either single or dual removable SSD magazine and the removable Data disk can be either 4 x 3.5" HDD for a total of 40TB or 8 x 2.5" SSD for a total of 30.72TB. The optical can be either DVD or BD slot fed burner.

The MaxPac is conservatively designed for 0°C to 50°C with K&N air filters standard for high dust environments. Our smart fans keep the unit running quietly at <45dba in office conditions. Integrated UPS for power back up and support for 28VDC are optional.



MaxVision[®] MaxPac[®]XC

RUGGED PORTABLE COMPUTERS LLC

MaxPac Class	MaxPac 8200XC			MaxPac 8100XC		
Model	8200XC1	8200XC2	8200XC3	8100XC1	8100XC2	8100XC3
Description	Compact Dual Xeon/Single 24.1 FHD+	Compact Dual Xeon/Dual 24.1 FHD+	Compact Dual Xeon/Triple 24.1 FHD+	Compact Single Xeon/Single 24.1 FHD+	Compact Single Xeon/Single 24.1 FHD+	Compact Single Xeon/Triple 24.1 FHD+
Display Configuration	Single 24.1"	Dual 24.1"	Triple 24.1"	Single 24.1"	Dual 24.1"	Triple 24.1"
Display Resolution	1920 x 1200					
Display Brightness	300mcd/m ²					
Touch Option	n/a					
HDMI Projector Port Option	yes					
Graphics Card	nVidia Quadro P2000, P4000, P5000, P6000					
Motherboard	SuperMicro X10DAL-i			SuperMicro X10SRA		
Processors	Dual E5-2600v4 Family up to 120watts per processor			Single E5-1600v3 or single E5-2600v4 up to 135watts		
Memory Configuration	Total Slots : 16 (4-channel per CPU, 8 DIMM per CPU) Capacity : Maximum up to 1TB LRDIMM. Memory Type :DDR4 2133MHz; ECC					
Memory DIMM sizes	Memory Size :32GB, 16GB, 8GB,4GB RDIMM; 64GB, 32GB, LRDIMM					
Ethernet	Dual GbE, Intel® i210 optional Dual Port 10GbE Optional PCIe card or Dual Port 40GbE SPF optional PCIe card					
USB 3.0	4 USB 3.0 (2 more internal header)			6 USB 3.0 (2 more internal header);		
USB 2.0	2 USB 2.0 internal header + 1 Type A			0		
System Disk Configuration	2.5" removable magazine supporting either single or dual SSD (mirror)					
Standard System SSD	Samsung Enterprise 480GB, 960GB, 1.92GB, 3.82GB SATA SSD					
FIPS 140-2 System SSD	FIPS 140-2 optional using Seagate 800GB or 1.6TB SAS SSD					
Data Disk Configuration	Choice of removable 4 x 3.5" SATA/SAS Enterprise Drives, or a removable 8 x 2.5" SSD Magazine					
Standard System 4x HDD or 8x SSD	Up to four 4TB, 6TB or 8TB or 10TB 7200rpm Enterprise Class HDD or up to eight Samsung Enterprise 480GB, 960GB, 1.92GB, 3.84GB SATA SSD					
FIPS 140-2 Data Drives	Up to four 6TB or 8TB or 10TB 7200rpm Enterprise FIPS 140-2 HDD SAS					
Software RAID Downgrade	RAID 0, 1, or 10 standard, (H/W RAID required for RAID 5)					
H/W Data RAID Card	LSI00202 MegaRAID SAS 9271-8i (supports FIPS 140-2), or 9271-4i with Safestore and battery backup					
Optical (slim slot)	Std DVD Burner; Optional Bluray/DVD Burner:					
Option Slots	2 PCIe 3.0 x16, PCIe 3.0 x8(in16), PCIe 3.0 x4(in8), PCIe 2.0 x4(in8)			1 PCI-E 3.0 x16, 3 PCI-E 3.0 x8(in x16), 2 PCI-E 2.0 x 1 (in x 4)		
Optional I/O	2 USB2.0, 2 USB3.0, fast serial can be brought out through custom I/O brackets off motherboard; add-in PCIe cards to support 3x Firewire 800 (powered); add-in PCIe to support 2 x eSATA; Please check to see if there are adequate slots available for add-in options.					
Audio	7.1 HD Audio with optical S/SPDIF stereo speakers			Realtek ALC1150 with 7.1 connectors integrated stereo speakers		
UPS Option	Complete internal Uninterruptable Power Source 80+ Watt Hour Battery for backup of 5-10 minutes. Also supports 28VDC input power, add 6 lbs					
Power Supply	860 watt full global power 90-264VAC with quick disconnect for service, Displays use AC Power. The entire system has one wall plug cable					
External DC Power	28VDC if UPS Option is included					
Keyboard/Mouse	104 key keyboard (USB); Logitech M110 mouse (USB). Optional 104 keyboard with CAC/Smart Card Reader					
Software: OS	Windows 10 Pro, Windows 2012 Server, Redhat Enterprise Linux standard, Redhat Enterprise Linux Server, CENT OS					
TPM 2.0 included	yes					
Secure Boot Support	yes					

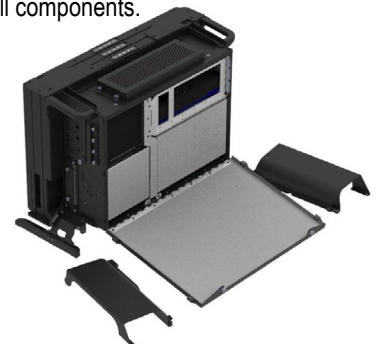
Folded display and feet provide the smallest practical volume to place in a transit case.



Pelican iM2975 transit case meets MIL STD 810G environmental requirements and fits through



A single rear cover provides access to all components.



Exploded view of removable HDD/SSD and optical magazines.



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