

## 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. The MaxPac XC family uses the same optical, SSD system storage and data disk storage magazines and supports the same number of option slots as the MaxPac8271XL. By changing the display mount and feet we have saved 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 P2200, P4000, P5000, P6000, RTX4000, RTX5000 or RTX6000 depending on your GPU processing requirements.

System disk can be either single or dual(mirrored) removable SSD magazine and the removable data disk can be either 4 x 3.5" HDD for a total of 64TB, 8 x 2.5" SATA SSDs for a total of 61.44TB or 5 x 30.72TB SAS SSDs for a total of 153.6TB, thus providing a full range of price/capacity/performance options. The optical can be either DVD or BD slot fed burner.

The MaxPac XC is conservatively designed for 0°C to 50°C operation with K&N air filters standard for high dust environments. Our smart fans keep the unit running quietly at <55dba in office conditions. Integrated UPS for power back-up and support for 28VDC are optional.

# MaxVision<sup>®</sup> MaxPac<sup>®</sup>XC

RUGGED PORTABLE COMPUTERS LLC

MaxPac Class	MaxPac 8210XC			MaxPac 8110XC		
Model	8210XC1	8210XC2	8210XC3	8110XC	8110XC2	8110XC3
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 <sup>2</sup>					
Touch Option	Please call					
HDMI Projector Port Option	Yes					
Graphics Card	nVidia Quadro P2200, P4000, P5000, P6000, RTX4000, RTX5000, RTX 6000					
Motherboard	SuperMicro X11DPL-i			SuperMicro X11SRA		
Processors	Dual Scalable Xeon Family up to 140watts per processor			Any Scalable Xeon W Series Processor up to 205 watts		
Memory Configuration	Total Slots : 8 (4-channel per CPU, 8 DIMM per CPU) Capacity : Maximum up to 1TB LRDIMM. Memory Type: DDR4 2666MHz; ECC			Total Slots : 8 (4-channel per CPU, 8 DIMM per CPU) Capacity : Maximum up to 512GB LRDIMM. Memory Type: DDR4 2666MHz; ECC		
Memory DIMM sizes	Memory Size :32GB, 16GB, 8GB,4GB RDIMM; 128GB, 64GB, 32GB, LRDIMM			Memory Size :32GB, 16GB, 8GB,4GB RDIMM; 64GB, 32GB, LRDIMM		
Ethernet	Dual GbE with Marvell 88E1512 PHY			Dual LAN, one with Intel® PHY I219LM LAN controller one LAN with Aquantia 5G LAN chip AQC10,		
USB 3.0	2 USB 3.0 (+ 1 Type A)			4 USB 3.0 (2 more internal header); Plus USB 3.1 ports		
USB 2.0	2 USB 2.0 (+2 headers)			2 USB 2.0 (+2 headers)		
System Disk Configuration	2.5" removable magazine supporting either single or dual SSD (mirror)					
Standard System SSD	Samsung Enterprise 480GB, 960GB, 1.92GB, 3.84GB, 7.68GB SATA SSD					
Data Disk Configuration	Choice of removable 4 x 3.5" SATA/SAS Enterprise HDD (4-Drive Magazines) or 8 x 2.5" SSD 7mm(8-Drive Magazines) or 5 x 2.5" SAS SSD 15mm (5-Drive Magazines)					
Standard System 4x HDD or 8x SATA SSD or 5x SAS	Up to four 8TB, 10TB, 12TB, 14TB, 16TB 7200rpm Enterprise Class HDD or up to eight Samsung Enterprise 480GB, 960GB, 1.92GB, 3.84GB, 7.68TB SATA SSD or five SAS SSD up to 30.72TB each					
H/W Data RAID Card	MegaRAID SAS 9460-8i (supports FIPS 140-2), or 9460-4i with Safestore and battery backup					
Option Slots	2 PCI-E 3.0 x16, 3 PCI-E 3.0 x8, 1 PCI-E 3.0 x4 (in x8 slot)			3 PCI-E 3.0 x16, 1 PCI-E 3.0 x4		
Audio	USB Audio with integrated Stereo Speakers and 1/8" external jack					
Optional UPS	600 Watt, with integrated 28VDC LiFePO4 85 W-Hr battery. Supports 90-264VAC 50/60Hz, 115VAC@400Hz, or 28VDC					
Keyboard/Mouse	Water proof 104 key keyboard (USB); water proof wheel mouse (USB). Optional 104 keyboard with CAC/Smart Card					
Software: OS	Windows 10 Pro, Windows 2016 Server, Redhat Enterprise Linux Standard, Redhat Enterprise Linux Server, CENT OS					
TPM 2.0 included	Yes					
Secure Boot Support	Yes					
Dimension Setup	22.3"W x 18"H x 8"D	42.9"W x 18"H x 8"D	63.8"W x 18"H x 8"D	22.3"W x 18"H x 8"D	42.9"W x 18"H x 8"D	63.8"W x 18"H x 8"D
Weight	48 lbs	58 lbs	67 lbs	47 lbs	57 lbs	66 lbs
Transit Case/Size	Pelican iM-2975 with	Pelican iM-2975 with	Pelican iM-2975 with	Pelican iM-2975 with	Pelican iM-2975 with	Pelican iM-2975 with
Loaded Weight	74 lbs	84 lbs	93 lbs	73 lbs	83 lbs	92 lbs
Transit Case Environmental	Mil Std 810G, 506.5 P I(Rain), 509.5(Salt/Fog), 510.5(Sand/Dust),514.6C-II(Vibration),516.6-VI(drop), -33C to 70C non operational; drop test					
Operational Environmental	Mil std 810G, 501.5 A2 (Basic HOT) 0-50C	Mil std 810G, 501.5 A2 (Basic HOT) 0-50C	Mil std 810G, 501.5 A2 (Basic HOT) 0-50C	Mil std 810G, 501.5 A2 (Basic HOT) 0-50C	Mil std 810G, 501.5 A2 (Basic HOT) 0-50C	Mil std 810G, 501.5 A2 (Basic HOT) 0-50C
Regulatory	FCC Class A					

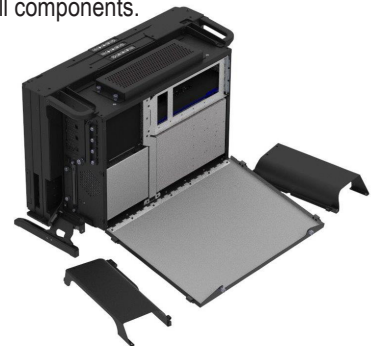
Folded display and feet provide the smallest practical volume to place in a transit case.



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



A single rear cover provides access to all components.



Exploded view of removable HDD/SSD and optical magazines.



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