MaxVision®
RUGGED PORTABLE COMPUTERS

ALTRONICS

24.1”(1920 x 1200) Single, Dual, Triple or Six Screen, Dual Scalable Xeon, Rugged Portable PC Workstation

MaxPac8271XL3

MaxPac8271XL6

MaxPac8271XL1

MaxPac8271XL2V

MaxPac8271XL2

The ultimate workstation for C4ISR imagery, mapping, video, exploitation and analysis

Key features:

- Dual Scalable Xeon processors up to 56 cores/112 threads using Supermicro X11DAi-N motherboard.
- Up to 2TB of DDR-4 ECC main memory
- Modular displays: Choice of single, dual, triple horizontal folding 24.1” 1920 x 1200 monitor or dual vertical monitors with optional touch screen, or six 24.1” monitors (requires a separate transit case for the upper three screens). Optional single, dual or triple horizontal folding 27” 3840 x 2160 UHD (4K) monitors
- Six high performance PCI-E full length card slots (four PCIe 3.0 x16, two PCIe 3.0 x8 slots)
- Removable data disk magazine with up to 64TB of RAID storage and separate removable system disk magazine supporting dual, mirrored enterprise SSD drives
- Full Global Power support from 90VAC to 264VAC
- Optional integrated power backup UPS and support for external 28VDC power
- Full dust filtration and guaranteed operation from 0C to 50C
- MIL STD 810G Transit case
- Single removable rear panel with captive fasteners for quick service access

2 Chemin du Vieux Moulin
69160, Tassin-la-Demi-Lune

ALTRONICS

www.altronics.fr
info@altronics.fr
+33 (0) 472 370 0470

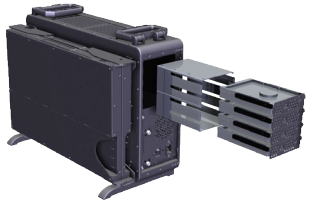
MaxVision® RUGGED PORTABLE COMPUTERS

ALTRONICS

MaxPac Class	MaxPac 8271XL				
Model	8271XL1	8271XL2	8271XL2V	8271XL3	8271XL6
Description	Compact Dual Xeon/Single 27" UHD, 128TB removable storage	Compact Dual Xeon/Dual 27" UHD, 128TB removable storage	Compact Dual Xeon/Dual 27" UHD, 128TB removable storage	Compact Dual Xeon/Triple 27" UHD, 128TB removable storage	Compact Dual Xeon/Triple 27" UHD, 128TB removable storage
Display Configuration	**Single 24.1"**	**Dual 24.1"**	**Dual 24.1"**	**Triple 24.1"**	**Six 24.1"**
Display Resolution	1920 x 1200				
Display Brightness	300mcd/m^2				
Graphics Card	nVidia Quadro P2200, P4000, P5000, P6000, RTX4000, RTX5000, RTX6000				
Motherboard	Supermicro X11DAi-N				
Processors	Dual Scalable Xeon Family				
Memory Configuration	FamilyTotal Slots : 16 (6-channel per CPU, 8 DIMM per CPU) Capacity : Maximum up to 2TB LRDIMM. Memory Type :DDR4 2666MHz; ECC				
Memory DIMM sizes	Memory Size :32GB, 16GB, 8GB,4GB RDIMM; 128GB, 64GB, 32GB, LRDIMM				
Ethernet	Dual GbE with Marvell 88E1512 PHY				
USB 3.0	4 USB 3.0 (2 more internal header) + 2 USB 3.1				
System Disk Configuration	2.5" removable magazine supporting either single or dual SSD (mirror)				
Standard System SSD	Samsung Enterpise 480GB, 960GB, 1.92GB, 3.84GB, 7.68GB SATA SSD				
Data Disk Configuration	Choice of removable 8 x 3.5" SATA/SAS Enterprise HDD (two 4-Drive Magazines) SSD SAS/SATA also available				
Standard System 8x HDD	Up to eight 8TB, 10TB, 12TB, 14TB, 16TB 7200rpm				
H/W Data RAID Card	MegaRAID SAS 9361-8i (supports FIPS 140-2), with Safestore and battery backup				
Option Slots	4x PCI-E 3.0 x16, 2x PCI-E 3.0 x8. Both processors must be loaded to access all slots; full length card support				
Audio	7.1 High Definition Audio with S/PDIF header, integrated stereo speakers				
Optional UPS	600 Watt, with integrated 28VDC LiFePO4 85 W-Hr battery. Supports 90-264VAC 50/60Hz, 115VAC@400Hz, or 28VDC				
Keyboard/Mouse	104 key keyboard (USB); Logitech M110 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 16.1"H x 8.5"D w/o keyboard	42.9"W x 16.8"H x 8.5"D w/o keyboard	22.5"W x 30.9"H x 8.5"D w/o keyboard	65.4"W x 16.8"H x 8.5"D w/o keyboard	63.8"W x 18"H x 8"D w/o keyboard
Weight	47.5 lbs	58 lbs	58 lbs	70 lbs	88 lbs
Transit Case/Size	Pelican iM-3075 with custom foam inserts and Poron vibration isolation system. Outside Dim. 33.30" x 24.40" x 19.30". Second iM2975 used for detachable top three monitors for 6 screen configuration				
Loaded Weight	98 lbs	108 lbs	108 lbs	118 lbs	118 lbs +65 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 from 30"				
Operational Environmental	Mil std 810G, 501.5 A2 (Basic HOT) 0-50C Operational	Mil std 810G, 501.5 A2 (Basic HOT) 0-50C Operational	Mil std 810G, 501.5 A2 (Basic HOT) 0-50C Operational	Mil std 810G, 501.5 A2 (Basic HOT) 0-50C Operational	Mil std 810G, 501.5 A2 (Basic HOT) 0-50C Operational
Regulatory	FCC Class A				

Roller Transit Case

Optional adjustable table (24” to 60” high) and field chair can fit in the lid of the transit case!



Removable Drives Exploded shown with closed dual display

2 Chemin du Vieux Moulin
69160, Tassin-la-Demi-Lune

ALTRONICS

www.altronics.fr
info@altronics.fr
+33 (0) 472 370 0470