

**17.3" (1920 x 1080) Single, Dual, or Triple Screen
Dual or Single Xeon, Rugged Portable PC Workstation**

MaxPac8011ML1 with
rugged keyboard/
screen cover



MaxPac8211ML2



MaxPac8211ML3

Our workstation for C4ISR imagery and video, exploitation and analysis with 17.3" displays

Key Features:

- Choice of Single Xeon E5-1600v3 or Dual Xeon E5-2600v3 processors up to 18 cores per processor
- 512GB main memory maximum
- Choice of most powerful graphics supporting a choice of one to three 17.3" (1920 x 1080) Full HD displays, with optional video projector repeater ports on specific models.
- Six high performance PCI-E card slots (9.6" length cards)
- Removable data disk magazine with up to 24TB of RAID storage and separate removable system disk magazine supporting dual mirrored SSD drives
- Full dust filtration and guaranteed operation from 0°C to 50°C.
- MIL STD 810G Transit case
- Single removable rear panel with captive fasteners for quick service access

MaxPac Class	MaxPac8211ML			MaxPac8011ML		
Model	8211ML1	8211ML2	8211ML3	8011ML1	8011ML2	8011ML3
Displays	Single 17.3"	Dual 17.3"	Triple 17.3"	Single 17.3"	Dual 17.3"	Triple 17.3"
Display Resolution	1920 x 1080					
Display Brightness	250mcd/m ²					
HDMI Proj. Port Option	yes	yes	yes	yes	yes	yes
Graphics Card	nVidia GeForce GTX 750ti, nVidia Quadro K2000D, K2200, K4200					
Motherboard	SuperMicro X10DRL			SuperMicro X10SRA		
Processors	Dual E5-2600v3 Family @ 115 w or less per processor			Single E5-1600v3 or single E5-2600v3 up to 135 watts		
Memory	Total Slots : 8 (4-channel per CPU, 4 DIMM per CPU) Capacity : Maximum up to 256GB LRDIMM. Memory Type :DDR4 2133 /1866*/1600/1333 RDIMM*, DDR4 2133 /1866*/1600/1333 LRDIMM* DDR4 2133 /1866*/1600/1333 NVDIMM*.Memory Size :32GB, 16GB, 8GB, 4GB RDIMM 64GB, 32GB LRDIMM					
TPM option	yes			yes		
Ethernet	Dual GbE, Intel® i210 10BASE-T, 100BASE-TX, 1000BASE-T, RJ45 connector std + Dual Port 10GbE Optional PCIe card + Dual Port 40GbE SPF optional PCIe card					
USB	2 USB 3.0 (2 more internal header); 2 USB 2.0 (6 more internal header)			6 USB 3.0 (2 more internal header);		
System Disk Configuration	2.5" removable magazine supporting either single 15mm thick enterprise SATA or SAS drive or dual 9.5mm thick SATA SSD drives. Capacity per drive up to 1.6TB					
System Disk types	Single or dual SSD (RAID 0 or 1) 128GB to 1.6TB. FIPS 140-2 optional using Seagate 800GB SSD or 900GB SA HDD					
Data Disk Configuration	Four 3.5" removable drive magazine supporting SATA/SAS/SSD drives including 2.5" drives with optional adapter, 4x6TB=24TB maximum					
Data disk types	Up to four 2TB,4TB or 6TB 7200rpm Enterprise Class Drives SATA or SAS standard. SAS, SSD with or without FIPS 140-2 is available upon request. Alternatively up to 8 x 2.5" SSD up to 1.6TB per drive. 800GB FIPS 140-2 SSD available					
Standard Software RAID	RAID 0, 1, or 10 standard, (H/W RAID required for RAID 5)					
H/W Data RAID Card	LSI00202 MegaRAID SAS 9271-8i, or 9271-4i with Safestore and battery backup (supports FIPS 140-2)					
Optical (slim slot)	Std DVD Burner; Optional Bluray/DVD Burner					
Option Slots	1 PCI-E 3.0 x16, 3 PCI-E 3.0 x8, 2 PCI-E 3.0 x (in x8), 1 PCI-E 2.0 x4 (in x8)			1 PCI-E 3.0 x16, 3 PCI-E 3.0 x8 (in x16) 2 PCI-E 2.0 x1 (in x4)		
Optional I/O	4 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; Add in PCIe CARD to support Thunderbolt 2. Please check to see if there are adequate slots available for add-in options..					
Audio	Realtek® ALC898 integrated stereo speakers			Realtek ALC1150 with 7.1 connectors integrated stereo speakers		
UPS Option	Special Order			Special Order		
Keyboard/Mouse	104 key keyboard (USB); Logitech M110 mouse (USB). Optional 104 keyboard with CAC/Smart Card Reader					
Power Supply	700 watt full global power 90-264VAC					
Tripod/Keyboard option	n/a			n/a		
Software: OS	Windows 7 Pro, Windows 8.1 Pro, Windows 2012 Server, Redhat Enterprise Linux standard, Redhat Enterprise Linux Server, CENT OS					
Dimension Setup	18.5"W x 15.1"H x 8.5"D	33"W x 15.1"H x 8.5"D	47.7"W x 15.1"H x 8.5"D	18.5"W x 15.1"H x 8.5"D	33"W x 15.1"H x 8.5"D	47.7"W x 15.1"H x 8.5"D
Weight	36.4 lbs	38.5 lbs	42 lbs	36.4 lbs	38.5 lbs	42 lbs
Transit Case/Size	Ameripack AP2420-1004WH with custom foam inserts and Poron vibration isolation system. Outside Dim. 27.0" x 23.0" x 15.0"					
Loaded Weight	66 lbs	71 lbs	78 lbs	65 lbs	70 Lbs	76 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					
Operational Environmental Regulatory	Mil std 810G, 501.5 A2 (Basic HOT) 0-50C Operational + K&N Dust Filte FCC Class A					
Network Switch Option	16 Port GbE or 16 Port 100baseT with POE, Optional module attaches to rear service cover					

Ameripack Roller Transit Case



Side view showing MaxPac-8201ML3 display tilt-up adjustment as well as the hard drive and optical disk magazines



Mass data storage supports five removable 2.5" data disks or four 3.5" data disks and a pair of removable system disks. The optical drive is also quick swap as shown below.



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