

## 18.5" (1920 x 1080) Single, Dual, or Triple Screen Dual or Single Xeon, Rugged Portable PC Workstation

MaxPac8012ML1 with  
rugged keyboard/  
screen cover



MaxPac8212ML2



MaxPac8212ML3

### Our workstation for C4ISR imagery and video, exploitation and analysis with 18.5" displays

#### Key Features:

- Choice of Single Xeon E5-1600v4 or Dual Xeon E5-2600v4 processors up to 22 cores per processor
- 512GB of DDR4 main memory
- Choice of most powerful graphics supporting a choice of one to three 18.5" (1920 x 1080) Full HD displays.
- Six high performance PCI-E card slots (10.5" length cards)
- Removable data disk magazine (4 x 12TB HDD) with up to 48TB of RAID 5/6 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	MaxPac8212ML			MaxPac8012ML		
Model	8212ML1	8212ML2	8212ML3	8012ML1	8012ML2	8012ML3
Displays	Single 18.5"	Dual 18.5"	Triple 18.5"	Single 18.5"	Dual 18.5"	Triple 18.5"
Display Resolution	1920 x 1080					
Display Brightness	250mcd/m <sup>2</sup>					
HDMI Proj. Port Option	yes	yes	yes	yes	yes	yes
Graphics Card	nVidia P2000, P4000, P5000					
Motherboard	SuperMicro X10DAL-1			SuperMicro X10SRA		
Processors	Dual E5-2600v4 Family			Single E5-1600v4 or single E5-2600v4		
Memory	Total Slots : 8 (4-channel per CPU, 4 DIMM per CPU) Capacity : Maximum up to 512GB LRDIMM. DDR4 2400MHz					
TPM 2.0	Yes			yes		
Ethernet	Dual GbE, Intel® i210 10BASE-T, 100BASE-TX, 1000BASE-T, RJ45 connector std + Dual Port 10GbE Optional					
USB	4 USB 3.0 (2 more internal header) 2 USB 2.0 internal header + 1 Type A			6 USB 3.0 (2 more internal header);		
System Disk Configuration	2.5" removable magazine supporting either single or dual (mirror) SSD, Capacity per drive up to 3.84TB					
Data Disk Configuration	Choose from either 4 x 3.5" HDD (12TB Max per drive) or 8 x 2.5" SSDs (3.84TB Max per drive)					
Standard Software RAID	RAID 0, 1, or 10 standard, (H/W RAID required for RAID 5/6)					
H/W Data RAID Card	LSI00202 MegaRAID SAS 9361-8i, or 9361-4i with Safestore and battery backup (supports FIPS 140-2)					
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)		
Audio	7.1 HD Audeio with optical S/SPDIF stereo speakers			Realtek ALC1150 with 7.1 connectors integrated stereo speakers		
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					
Software: OS	Windows 10 Pro, Windows 2016 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	38 lbs	42 lbs	46 lbs	38 lbs	42 lbs	46 lbs
Transit Case/Size	Ameripack AP2420-1004WH with custom foam inserts and Poron vibration isolation system. Outside Dim. 21.0" x 23.0" x 15.0"					
Loaded Weight	70 lbs	74 lbs	78 lbs	70 lbs	74 lbs	78 lbs
Transit Case	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					
Environmental	Mil std 810G, 501.5 A2 (Basic HOT) 0-50C Operational + K&N Dust Filter					
Operational Environmental	Mil std 810G, 501.5 A2 (Basic HOT) 0-50C Operational + K&N Dust Filter					
Regulatory	FCC Class A					

Ameripack Roller Transit Case



Side view showing MaxPac-8212ML3 display tilt-up adjustment as well as the hard drive and optical disk magazines



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

