

Macrolink ATR Python

- TAC-3/TAC-4 binary compatible
- High performance
- [High quality display](#)
- High capacity removable disks



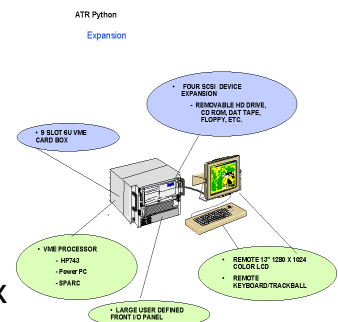
- Standard 1 1/2 ATR Form Factor
- Rugged
- [Expandable](#)

Python's advanced technology is combat-ready, reliable, and ready to go. It's a versatile TAC-3/TAC-4 binary compatible workstation that combines a high quality color display and large capacity mass storage. The ATR configuration allows simplified mounting in airborne platforms -- like the P-3 -- as well as other applications. It's a full-featured tactical workstation that meets the most demanding requirements. Rugged enough to function in any environment and easily transportable, it is extremely resistant to weather, shock, and vibration. The 1 1/2 ATR Python gives you high performance for the advanced tactical vision you need -- wherever you are.

Python is also a powerhouse of information technology. It contains a 6U VME Hewlett Packard 743i 100 MHz processor (101 SPEC int 92, 136 SPEC fp 92) plus large capacity mass storage with a removable hard disk. It comes with 32 MB RAM and is expandable to 256 MB for more demanding applications.

The ATR configuration for airborne and other applications features a remote 13" Active matrix Liquid Crystal Display (1280 x 1024 pixels, 24-bit color) capable of high resolution imagery.

The platform provides for future growth with a 9 slot 6U VME card box. The next generation HP processors as well as other 6U VME processors, like SPARC & Power PC, can be utilized.



Specifications

Features		
CPU	6U VME HP743i PA RISC (100 MHz) 101 SPEC int 92 136 SPEC fp 92	
RAM	32 MB expandable to 256 MB	
I/O	LAN AUI, SCSI Parallel, Serial	
Graphics	> 1M vectors/sec	
Display	13" diagonal, 1280 x 1024 color 24-bit AM LCD	
Disk	2 GB or 4 GB removable	
Man-Machine Interface	Keyboard with 3-button trackball (PS/2)	
Input Power	28 VDC or 110-220 VAC	
Storage	2 GB, 4 GB removable hard disk DAT 3.5" SCSI floppy CD-ROM	
Expansion Slot	8 6U VME slots	
Size	ATR 1 1/5 Long/Tall	
Weight	TBD	
Options		
CPU	6U VME HP744 (130/166Mhz) PA RISC 6U VME SPARC 6U VME POWER PC	
Display	12" diagonal, 1024 x 768 color AM LCD	
Environmental Capabilities		
	Operating	Non-Operating
Temperature	MIL-STD-810 0° to 40° C -20° to 40° C with optional heater	MIL-STD 810 -25°C to 60°C
Humidity	0% - 95% noncondensing	
Altitude	MIL-STD-810 10,000 ft.	MIL-STD-810 40,000 ft.
Shock	MIL-STD-810 30g	MIL-STD-810 30g

Vibration	MIL-STD-810 3g, 5-500 Hz	MIL-STD-810 5g, 5-500 Hz
Weather	Drip proof (operating)	
Sand/Dust	Removable air filters	
Noise	< 45 dB (A)	
EMI	FCC Class A	

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