

VoyagerIli Questions

1. What accessories are included with the VoyagerIli?

Along with the VoyagerIli specification required, you get:

- Solaris CD (Tadpole-RDI version, this incorporates the VoyagerIli naming conventions, required device drivers)
- User Manual
- Power Cord
- Warranty Card

2. What versions of Solaris are supported on the VoyagerIli?

Solaris 2.5.1 and Solaris 2.6 Desktop and Server versions are supported. The version of Solaris required is preinstalled before the Voyager is shipped. Only the minimum configuration of the Server version is preinstalled.

Note: Solaris 2.5.1 doesn't currently support the PCMCIA/Cardbus slots but the development engineers are working on this and it will be supported when fully working.

3. Can I use a standard Sun Solaris 2.5.1 / 2.6 cd to install Solaris?

For Solaris 2.5.1 VoyagerIli systems

Ideally, use the Tadpole CD supplied with the system but if this is not available then there is a work around using the Sun Solaris 2.5.1 CD. Web site:

<http://www.tadpole.com> Email: Support@tadpole.com

For Solaris 2.6 VoyagerIli systems

No, you must use the Solaris 2.6 cd shipped with a VoyagerIli, this is due to naming conventions and driver modifications made within the operating system.

4. Can I mirror disks between the disk packs?

Yes, Solstice disksuite allows you to mirror devices between the removable disk packs. Disksuite is part of Solaris Server option from Tadpole-RDI and can also be purchased as a separate product directly from Sun.

5. Are the disk packs hot swappable in the VoyagerIli?

No, there is no hot swappable facility built into the VoyagerIli to change disk packs the operating system must be shutdown

A TTYA/B serial port splitter cable is required, available from Tadpole-RDI.

Part Numbers:

V-SERCBL-F Serial Cable Pigtail 25pin d-sub to (2) 9pin d-sub **female**
OR

V-SERCBL-M Serial Cable Pigtail 25pin d-sub to (2) 9pin d-sub **male**

8. Can the Voyagerlli handle different capacity disk drives internally?

Yes, the controller can handle different capacity disk drives internally, contact Tadpole-RDI for available disk drive options.

9. Can I plug my standard SCSI disk drives on the external Ultra SCSI bus?

Yes, Ultra SCSI is fully backward compatible with earlier SCSI standards, but you will slow the SCSI bus down from 40MB/s to the slowest SCSI device on the SCSI bus. (e.g. A fast SCSI-2 disk will slow the BUS down to 20MB/s)

10. Does the Voyagerlli support the Sun Creator Graphics card?

No, the Voyagerlli doesn't support Sun's Creator/Elite series of Graphics cards. Currently available is the ATI 3D Charger (4MB), Techsource Raptor GFX4M (24bit, 4MB VRAM) and the Dome Imaging Md4/PCI Greyscale card.

(The Techsource Raptor GFX8/P card has been succesfully tested and will be available in the near future. 24bit 8MB VRAM)

11. Can I buy a additional memory from my own supplier?

You can buy additional memory from Tadpole Technology or a different supplier, the specifications are as follows:

- 64MB/128MB Modules available
- 60ns Timing Parameter
- 10 Bit Coloumn Architecture DIMM's
- 3.3Volt Single Power supply
- Height less than 40mm
- 8 DIMM sockets, modules must be fitted in matched pairs

12. Is OpenGL supported?

Yes, OpenGL v1.1.1 is supported, via the dpa extension which does not accelerate the OpenGL functions. One bug in Sun's end results in a colour swap in 24bpp mode, patch #106022-03 is required to correct this problem, or retrieve OpenGL v1.1.2 or higher.

13. I get a "Warning interrupt level 9 not serviced" message on bootup.

This occurs on startup if you are using a PC keyboard but have not also plugged in a PS/2 mouse.

VNC - Virtual Network Connection is a piece of software that allows CDE and Openwindows to run from a 32bit PC client. <http://www.orl.co.uk/vnc/> There are other software packages available that allow similar functionality.

15. When booting from the Solaris install CD I get a "Short Read" error?

This message means the CDROM drive being used is incompatible, try using a slower speed CDROM drive.

16. Are the keyboards hotpluggable?

No, we advise the operating system is shutdown before swapping keyboards.

17. How do I change the display resolution on a VoyagerIli with an ATI graphics card?

Use the Solaris display configuration utility called: **m64config** Check the manual pages for more information. (#man m64config)

18. I require a graphical video output and an additional PCI slots this possible with the Voyager?

No, not currently, for a graphical video output you will need to utilise the one PCI slot with a supported graphics card. A 3 slot PCI expansion system is currently being qualified.

19. What is the equivalent Sun desktop system to the VoyagerIli?

The VoyagerIli uses the UltraSPARC2i processor, which is used by Sun Microsystems in their Ultra10 system.

20. The VoyagerIli has 4 internal EIDE disk drives, why did you use them?

2.5inch EIDE drives are proven to be more robust than the 3.5inch SCSI equivalent disk drives in both operational and non-operational modes. Each 2.5inch disk drive has its own Ultra-DMA controller, this means we can now use four disk drives in parallel to get a total throughput of around 31.5 MB/s for reads and 25MB/s for writes.

21. I get this message "Can't open input device" on powerup of the VoyagerIli then the display goes blank?

The VoyagerIli is not sensing that a keyboard is plugged in, reseal keyboard connection and try again.