

# T2SL

## PRODUCT OVERVIEW PARADISE-11 TRANSPUTER/DISC BOARD

### INTRODUCTION

The Paradise-11 is a PC and AT compatible TRAM motherboard providing a fully integrated Winchester disc storage system easily accessible from all transputer programming systems.

Additional Graphics, Compute and IO TRAMS can be readily be added to build super workstation power into a PC base.

### FEATURES

- # IMS B008 like TRAM mother board with PC interface.
- # Provides 5 TRAM sites.
- # High Performance SCSI disc interface runs upto 850 Kbytes/sec.
- # On-board hard disc from 40 to 250 Mbytes.
- # Additional Winchester, Optical or tape storage systems readily incorporated.
- # Can auto-boot TRAMs with user application code.

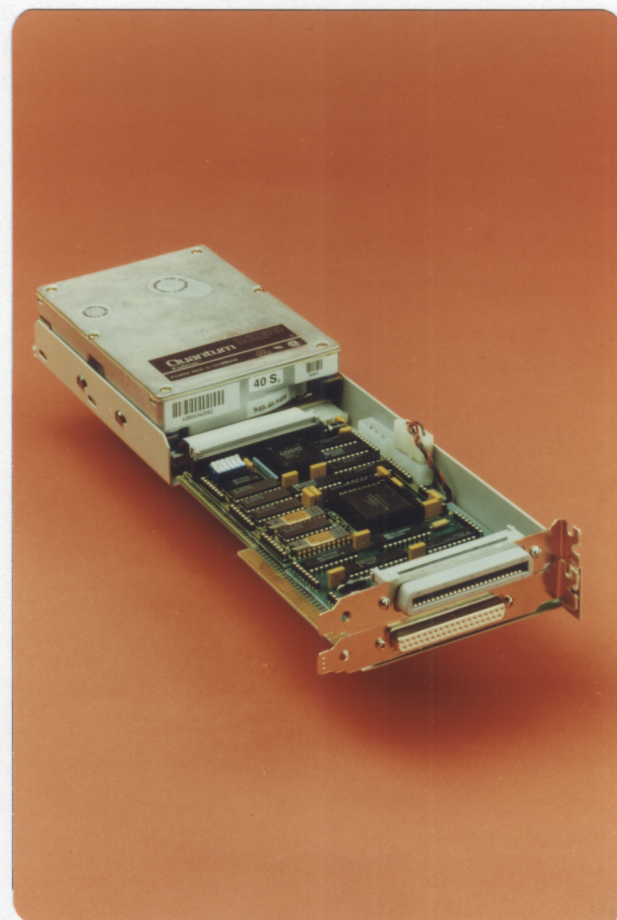
### APPLICATIONS

Transputer Development File Server  
Data Logging  
Image Processing Storage  
Database Engine  
Application Accelerator

### B008 COMPATIBILITY

The Paradise-11 can run all B008 compatible server software. It provides 5 TRAM slots connected in a pipeline, with unconnected links taken to the boards 37 pin "D" connector.

An additional link "mini-board" is provided which



fitted to the D connector converts all serial links to the standard 4 pin format. 5 link cables are included allowing the user to easily hard-wire their desired topology.

### SCSI INTERFACE

Link 3 of the host TRAM slot (M0) is connected to the in-built "Paradise" Transputer/Disc interface. This T222 based system is capable of transferring large data blocks with a very high performance (upto 850 Kbytes/sec) and will work with any SCSI disc, from the very smallest (20 Mbytes) to the largest (exceeding 1 Gbyte).



## PARADISE-11 PRODUCT OVERVIEW CONTINUED

The disc interface has two links which are taken directly to the D connector, allowing it to be shared with two other transputer systems (to act as a file server).

The Paradise-11 is shipped with the disc interface connected only to the on-board Winchester drive. An expansion cable is included which provides a single external SCSI connector. Upto 7 SCSI peripherals, of any type, can be daisy-chained off this providing nearly unlimited expandability.

### SOFTWARE

The on-board I-connect firmware provides a high-performance block orientated disc interface system accessible from OCCAM D700D and 3L C & Fortran.

T2 Systems are also developing the "TransFile" transputer based file servers, which will run on all Paradise boards. As well as compatibility with MS-DOS and UNIX, special versions will be developed for WORM optical disc systems. The Transfile software must be separately ordered.

### ORDERING INFORMATION

This should be ordered as Paradise-11 with a suffix indicating the required disc size (see Price List).

