Tulip® at *386/25*

SPECIFICATIONS Tulip at 386/25

CPU BOARD

– Microprocessor	Intel 80386 25 MHz
– Internal Memory (RAM)	1 Mb expandable to 13 Mb standard 32 Kb two-way set associative cache 4 Mb expandable to 16 Mb standard 32 Kb two-way set associative cache

– EPROM/BIOS	– AT compatible
	– start-up hardware checking
	– hardware initialisation
	– automatic OS loading
	– 3.5" and 5.25" floppy drive
	  support
	– real time clock support
	– Dual Graphics Adapter
	  support

– System Control Manager	(all functions password
	protected, all messages and
	system status on LCD)
	– hard reset function
	– power on/off switching
	– keyboard lock
	– programmable power down
	  function
	– application support for
	  power off switching
	– power down progress
	  signaling for networkservers

– Keyboard interface	standard 5-pins DIN connector on backpanel
– Real time clock/calender	battery back-up C-MOS memory for configuration setting
– Floppy controller	controls variety of drives: – 360 Kb / 1.2 Mb (5.25") – 720 Kb / 1.44 Mb (3.5")
– Parallel I/O	Centronics compatible 25 pins DIN connector (I/O address software selectable)
– Two serial I/O's	RS 232c compatible 25 pins DIN connector 9 pins DIN connector (I/O software selectable) programmable baudrates

– General	– intelligent keydisk support
	– fast shadow RAM support
	– selectable swap of the A and
	  B floppy drive
	– low chip count due to exten-
	  sive use of VLSI technology
	   * increased reliability
	   * low power consumption
	   * low heat dissipation

STORAGE DEVICES

Floppy disk drive	5.25", half height 1.2 Mb (360 Kb) (formatted) 3.5", half height 1.44 Mb (720 Kb) (formatted)
Hard disk drive	3.5", half height 40 Mb (formatted) 3.5", half height 100 Mb (formatted)

KEYBOARD

AT compatible 101/102	– ergonomic design
	– separate function- and
	  numeric key pad
	– special editing key pad
	– key status leds
	– coiled cable for maximum
	  flexibility
	– rigid housing
	– adjustable height

MAIN UNIT

General	total of 8 slots – 6 AT compatible (16 bit) – 2 PC/XT compatible (8 bit) – all slots accept full length, AT height boards mounting capabilities for a total of 3 half height, 5.25" devices power supply 220V/50 Hz, 150W power and hard disk led indication LCD-screen for SCM Desktop

VIDEO DISPLAY ADAPTER

– Dual Graphics Adapter
(DGA)

provided with extra parallel I/O
with monochrome monitor
– Hercules mode
– CGA emulation mode
with CGA/EGA monitor
– CGA mode

– Tulip Enhanced Video
Adapter (TEVA)

with monochrome monitor
– EGA mode
with CGA/EGA monitor
– CGA/EGA mode

– Video Graphics Array 16 bit
(VGA/16)

with MGA monochrome monitor
– VGA mode
with VGA colour monitor
– VGA mode

HARDWARE OPTIONS

Arithmetic Co-processor	– Intel 80387, 25 MHz – Weitek WTL 3167, 25 MHz
Tulip mouse (serial)	
Tulip tapestreamer 60 Mb	
Memory expansion	

SOFTWARE (BUNDLED)

Microsoft DOS 4.x	Operating System
GW-BASIC	interpreter with full graphic capabilities

MS-WINDOWS	Windows manager
	– user-friendly system inter-
	  face
	– integration of data and
	  graphics
	– multi application control
	– multi window control

MS-WRITE	Wordprocessor (Window application)
MS-PAINT	Graphic editor (Window application)

GENERAL

Power supply	220 Volt/50 Hz, 150W
Temperature	5 to 35 degrees Celsius (operating)
Humidity	40 to 90% (non-condensing)
Width	391 mm
Height	152 mm
Depth	440 mm
Weight	appr. 12 kg.

Configurations on request.
Specifications may be changed without prior notification.

Tulip® computers