
Technical specifications

Processor	Model	Processor	Clock Speed
	T4700CT	Intel 486 DX2 (3.3 volt technology with Integrated numeric coprocessor)	50 MHz, (switchable to 25 MHz)

System memory	Memory type	Amount	Access speed
	Standard RAM	8192 KBytes	(80 nanoseconds)
	Memory expansion	up to 24,576 KBytes	(80 nanoseconds)
	BIOS Flash EPROM	128 KByte	(150 nanoseconds)
	Video RAM	1,024 KByte	(80 nanoseconds)
	Cache memory	8 KByte on the CPU chip	

Memory size	Standard Memory	8 MB
	Technology	3.3 volt
	No. of expansion slots	1
	Expansion card sizes	4 MB, 8 MB, 16 MB

Memory map	Address	Size	Usage
	00000000 - 0009FFFF	640	System working memory
	000A0000 - 000BFFFF	128	Video RAM
	000C0000 - 000C7FFF	32	VGA BIOS ROM
	000E0000 - 000E7FFF	32	HardRAM windows
	000F0000 - 000FFFFF	64	System BIOS ROM
	00100000 - 003FFFFFFF	3072	System extended memory
	00030000 - 00037FFF	32	Shadow BIOS ROM
	00038000 - 0003FFFF	32	System Management RAM

Conditions: Standard 8 MB system memory.

Floppy disk drive

Specification	High setting	Low setting
Media supported*	3.5 inch 2HD	3.5 inch 2DD
Storage capacity	1.44 MB	720 KB
Rotation	300 rpm	300 rpm
Transfer rate	500 Kbit per second	250 Kbit per second
Bytes per sector	512	512
Sectors per track	18	9 (8)

*Adjustment between diskette types is automatic.

Hard disk drive

Specification	200 MB disk	320 MB disk
Formatted capacity	213 MB	340 MB
Data transfer rate to buffer	6.5 MB/sec	4 MB/sec
Data transfer rate to media	18.9 - 31.6 Mbits/sec	29.6 Mbits/sec
Average seek time	12 ms	12 ms
Track-to-track seek time	3 ms	3 ms
Drive rotation	4,000 rpm	4,200 rpm
No. of disks	2	3
No. of read/write heads	4	6
Coding	1 - 7 RLL	1 - 7 RLL
Bytes per sector	512	512
Interleave	1:1	1:1
Interface	AT compatible task file	AT compatible task file

Screens

Specification	TFT Colour Screen
Number of dots	640 x 480
Dot pitch	0.3 x 0.3 mm
Display area	192 x 144 mm
Diagonal	9.5 inch
Contrast ratio	100:1
Colours	256 from 262,144 colours
Line response time	50 ms
Brightness	70 cd/m ²

Graphics Adaptor	Video mode/machine	Resolution	Number of colours
	Internal VGA	640 x 480	Up to 256 colours
	External VGA	640 x 480	Up to 256 colours
	External SVGA	800 x 600	Up to 256 colours
	External SVGA	1024 x 768	Up to 256 colours

Physical Dimensions	Size (W, D, H)	297 x 210 x 56.5 mm (11.8" x 8.4" x 2.2")
	Weight	3.1 kg (6.8 lb)

Battery Types	Main	Back-up	RTC
	NiH ₂	NiH ₂	Vanadium Lithium
	12.0 V x 2400mAH (NiH ₂)	1.2 V x 1100mAH	3.0V x 50 AH

Resume battery- back-up	Main	Back-up	RTC
	5 days	8 hours	1 month (RTC only)

Conditions: battery full, memory 8 MB; less with more memory.

Battery life	Up to 3.5 hours
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AC Adaptor	Input voltage	100 - 240 v AC, self-adjusting
	Frequency	50 - 60 Hz
	Output voltage	18 V
	Output current	1.7 A max.
	Power dissipation	30 W max.

*Aeroplane cabin pressures simulate low altitudes, so flying higher causes no restrictions

Environmental Conditions

	Operating	Non-Operating
Temperature	5° C to 35° C	-20° C to 65° C
Thermal Gradient	20° C/hour	20° C/hour
Relative Humidity	20% to 80%	10% to 90%
	Non Condensing	Non Condensing
Altitude	-60 to 3,000 m *	-60 to 10,000 m
(relative to sea level)	(-200 to 10,000 feet) *	(-200 to 30,000 feet)
Shock	10 G	60 G
Vibration	0.5 G	1 G

Certification

UL 478/1012	USA
IEC 950	International
NEMKO	Norway
DEMKO	Denmark
SEMKO	Sweden
SEV	Switzerland
SETI(EI)	Finland
VDE 0878 class B	Germany / EC
FCC part 15 class B	USA
CSA 220	Canada
DOC Class B	Canada
SAA	Australia

Bundled software

DOS 6.0
Windows 3.1
Microsoft Windows Sound System
PCMCIA Socket and Card Services
Special Toshiba drivers

Options

Article	PA Number
4 MB Memory Kit	PA2012U
8 MB Memory Kit	PA2013U
16 MB Memory Kit	PA2014U
Toshiba PCMCIA CryptCard	Art. no. 2785001
Extra battery pack	PA2420U
AC adaptor	PA2478U
Car adaptor	Art. no. CAT19C12V
Battery charger	PA2422U
5.25" External FDD	PA8718U-E
Keycaps for German Keyboard	P2201 GR
Keycaps for French	P2201 FR
Keycaps for Scandinavian Keyboard	P2201 SC
Keycaps for Swiss Keyboard	P2201 SL
Keycaps for Italian Keyboard	P2201 IT
Keycaps for Spanish Keyboard	P2201 SP
Keycaps for US Keyboard	P2201 USE
Carrying Bag	Art. no. 2713372
