# The T5200C - Laptop LCD Colour — At an affordable price

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Laptop colour from Toshiba is now available at a reasonable price. Toshiba is launching the popular and powerful T5200 with a colour LCD screen as the T5200C. This model, which has received critical acclaim when it has been previewed several times at trade fairs, runs at 20MHz on an i386 processor. It has a 200 MB hard disk (16 ms access time) and a VGA screen with 16 simultaneous colours. The colour display is a SuperTwist Nematic (STN) screen.

Colour has been seen as the last hurdle for many in the laptop computer market and there is now a high level of market interest. As the market leader in Europe with over 35% of all laptop sales, Toshiba's entry into the colour sector of the market is of major significance. By fitting the T5200, often called the "King Of Laptops", with colour, Toshiba is setting a quality trend which other manufacturers will have to follow if they are to stay in the race in the laptop market.

This announcement is also a timely reminder amongst the excitement of the boom in notebook computers, that there is another side to portable computers in which Toshiba is far ahead of all competitors. Mains powered portables offer users some benefits of power and capacity which are not currently possible with the state of computer technology on lighter battery powered models. For users who need to use the full expansion capabilities both at home as well as in the office the mains powered machines mean that they can do this with the advantages of portability. By adding colour to the T5200 Toshiba has ensured that such benefits together with the higher hard disk capacity and the extra speed of the 20 MHz processor will be available for the T5200C users as well.

So far the market in colour screens on laptop computers has been relatively small but it is clearly a growth area. Nowadays virtually all programs offer up to 16 colours and there is increasing appreciation of the way in which presentational work on computers comes alive with colour. Most users of laptops can therefore benefit from the added option of colour.

Toshiba's STN colour screens are considered by many industry observers to be the best of their type on the market. They have a high colour contrast and are remarkably free of box shading. By choosing to bring this type of screen to market, as well as the more technically advanced TFT on the new T3200SXC, Toshiba is giving customers a wider choice of colour appropriate to their price and performance needs. Having two colour screens in the Toshiba family of laptops, is further proof of Toshiba's commitment to portable computing and backing for Toshiba's belief that the screen is one of the most important features to computer users. The move to colour screens is also a major step towards Toshiba's vision of the PC of the future - a laptop computer which can fully replace any desktop as a superior productivity tool.

Specifications

Processor
Intel 80386 / 20 MHz
80387 coprocessor socket
Intel 82385 cache controller

Memory
2 MB standard RAM
14 MB maximum RAM

Shadow RAM
LIM/EMS 4.0 support
XMS 3.2 support with DOS 4.0
32 KB cache memory (35 ns)

Disk Storage
FDD: 3.5" 720 KB/1.44 MB
HDD: 100 or 200 MB (19 ms)

Display
Colour STN LCD display
640 x 480 x 3 colours (RGB) pixels
16 colours
Detachable display
Dual display mode

Graphics Controller
VGA compatible (640x480)

Additional Display Specifications
Type: Supertwist Nematic liquid crystal display.
Viewing area: 211 x 158 mm.
Pixel size: 0.09 x 0.31 mm.
Contrast ratio: 12:1
Angle of view: -10 to +35 degrees horizontally.

Keyboard
Full-sized 92-key keyboard
12 function keys
Full-sized numeric keypad
Dedicated cursor keys
Status LED lights

Interfaces
Two serial ports
Combined parallel /FDD port
RGB (analogue) colour monitor port

Expansion
Full-size ISA 16 or 8-bit slot
Half-size ISA 8-bit slot OR Toshiba 16-bit slot
Operating System
MS-DOS 4.01
MS OS/2  1.1 (Option)

Size
370x395x99 mm (14.6"x15.6"x3.9")

Weight
8.7 kg (19lb)

Power Supply
Autosensing 100-240 V AC for world-wide usage