

Elo Touch Solution 22CM2 (E335320)

22CM2, C-Series Medical 22-inch Wide Aspect Ratio All-in-One Desktop Touchcomputers for Healthcare Settings, Windows 7 Professional (32-bit), Intel Atom Dual-Core D510 (1.66GHz, 1MB L2, 533MHz), Intel NM10, Intel GMA 3150, 2GB DDR2 DIMM, 160 GB SATA HDD, 54.61 cm (21.5 ") 1920 x 1080, IntelliTouch Plus



Price details:

Price excl. VAT: 1,392.04 €

Eco fees: 0.04 €

VAT 21 %: 292.34 €

Product details:

Product code: E335320

EAN: 7411493243738

Manufacturer: Elo Touch Solution

1,684.42 €

* VAT included

PDF generated on: 18 June, 2018

The Elo TouchSystems CM-Series All-in-One touchcomputers for healthcare applications platform leverages the same quality, performance, configurations and design as our popular C-Series touchcomputer. The CM-Series offers bigger, brighter displays in a wide-aspect ratio. This makes the CM-Series an excellent choice for applications requiring a larger display area than traditional touch computers. Particularly desirable for viewing images, including patient characteristics, training and education where high quality visual presentation is required.

The CM-Series touchcomputers bring flexibility with a choice of configuration and connectivity, serviceability with easy access to key components, and a choice in processing power. In addition, an array of field-installable peripherals, spill-resistant sealing, and a selection of input/output port connection options make the CM-Series both versatile and powerful. It is designed with the future in mind, allowing easy field serviceability of all of the main components.

The CM-Series is engineered for flexibility, with optional memory and storage configurations, as well as scalable computing power featuring two high-performance processor configurations:

- Cool and Quiet CM2 Fan-less Intel Atom Dual-Core 1.66 GHz
- Performance Ultra CM3 Fan-cooled Intel Core 2 Duo 3.0 GHz

The flexibility, serviceability and performance of the CM-Series are rare in all-in-one touchcomputers designed for healthcare applications. In a stylish, compact design, the CM-Series provides highly configurable, ruggedized touchcomputers, in two screen sizes: 19-inch and 22-inch, plus the choice of industry-leading TE touchscreen technologies: AccuTouch 5-wire resistive, IntelliTouch surface acoustic wave and iTouch zero-bezel surface acoustic wave. The CM-Series touchcomputer family has been developed to meet the demanding needs of healthcare applications and is ready to be deployed with confidence in any healthcare facility requiring additional security offered by medical certifications.

All these models also support multiple customer-installable memory and storage configurations including:

- Up to 4GB1 RAM
- 2nd hard drive option, for expanded storage or RAID configuration
- A full-range of standard connectivity ports including:
 - 6 x standard USB 2.0
 - 2 x USB-to-Serial RS-232
 - 1 x Gigabit Ethernet
 - 3 x 3.5mm audio (line in, mic in, audio out)
 - HDMI out (C3 only)

Elo CM-Series touchcomputers are offered with your choice of the following operating systems (OS): Windows 7, or no OS. Models with the IntelliTouch Plus product technology and Windows 7 support multi-touch functionality. Other touch product technologies with Windows 7 Operating System support single-finger gestures only.

Main specifications:

Display	
Display diagonal:	21.5 "
Display resolution:	1920 x 1080 pixels
HD type:	Full HD
Touchscreen:	Y
Aspect ratio:	16:9
Display brightness:	225 cd/m ²
Contrast ratio (typical):	1000:1
Viewing angle, horizontal:	170 °
Viewing angle, vertical:	160 °
Display number of colours:	16.78 million colours

Processor	
Processor frequency:	1.66 GHz
Processor family:	Intel Atom
Processor model:	D510
Processor cores:	2
Processor threads:	4
Processor cache:	1 MB
Processor cache type:	L2
Processor front side bus:	533 MHz
Processor socket:	BGA 559
Processor lithography:	45 nm
Processor operating modes:	64-bit
Stepping:	B0
Bus type:	DMI
Processor codename:	Pineview
Thermal Design Power (TDP):	13 W
Processor series:	Intel Atom D500 series
FSB Parity:	N
Processor code:	SLBLA
Tjunction:	100 °C
Number of Processing Die Transistors:	176 M
Processing Die size:	87 mm ²
Maximum internal memory supported by processor:	4 GB
Conflict Free processor:	N
Memory types supported by processor:	DDR2 667/800
Memory bandwidth supported by processor (max):	6.4 GB/s
Memory channels supported by processor:	1
ECC supported by processor:	N

Memory	
Internal memory:	2 GB
Maximum internal memory:	4 GB
Internal memory type:	DDR2-SDRAM
Memory clock speed:	800 MHz
Memory layout (slots x size):	1 x 2 GB

Storage	
Total storage capacity:	160 GB
Card reader integrated:	N
Number of hard drives installed:	1
Hard drive capacity:	160 GB
Hard drive interface:	Serial ATA
Hard drive size:	2.5 "

Graphics	
On-board graphics adapter:	Y
Discrete graphics adapter model:	Not available

Audio	
Number of speakers:	2

Optical drive	
Optical drive type:	N

Networking

Wi-Fi:	N
Ethernet LAN:	Y
Ethernet LAN data rates:	10,100,1000 Mbit/s

Ports & interfaces

USB 2.0 ports quantity:	6
VGA (D-Sub) ports quantity:	1
Headphone outputs:	1
Microphone in:	Y
Ethernet LAN (RJ-45) ports:	1
DVI port:	N
Serial ports quantity:	2

Design

Colour of product:	White
Cable lock slot:	Y
Cable lock slot type:	Kensington

Software

Operating system installed:	Windows 7 Professional
Operating system architecture:	32-bit

Processor special features

Intel® Turbo Boost Technology:	N
Intel® Hyper Threading Technology (Intel® HT Technology):	N
Intel® My WiFi Technology (Intel® MWT):	N
Intel® Anti-Theft Technology (Intel® AT):	N
Intel® vPro® Technology:	N
Intel® Wireless Display (Intel® WiDi):	N
Enhanced Intel SpeedStep Technology:	N
Intel® Quick Sync Video Technology:	N
Intel® Clear Video HD Technology (Intel® Clear Video HD):	N
Intel Clear Video Technology:	N
Intel® Insider™:	N
Intel® InTru™ 3D Technology:	N
Intel Flex Memory Access:	N
Intel® AES New Instructions (Intel® AES-NI):	N
Intel Trusted Execution Technology:	N
Intel Enhanced Halt State:	N
Intel VT-x with Extended Page Tables (EPT):	N
Intel Demand Based Switching:	N
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID):	N
Intel 64:	Y
Execute Disable Bit:	Y
Thermal Monitoring Technologies:	N
Processor package size:	22 mm
Supported instruction sets:	SSE2,SSE3,SSSE3
Physical Address Extension (PAE):	32 bit
Embedded options available:	Y
Intel Virtualization Technology for Directed I/O (VT-d):	N
Intel Dual Display Capable Technology:	N
Intel FDI Technology:	N
Intel Rapid Storage Technology:	N
Intel Fast Memory Access:	N
Processor ARK ID:	43098

Power

AC adapter frequency:	50/60 Hz
AC adapter input voltage:	100 - 240 V
Power consumption (typical):	54 W

Weight & dimensions

Width:	540 mm
Depth:	98 mm
Height:	333 mm
Weight:	8300 g

Packaging data

Package weight:	14900 g
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Operational conditions

Operating temperature (T-T):	0 - 35 °C
Storage temperature (T-T):	-30 - 60 °C
Operating relative humidity (H-H):	20 - 80 %
Storage relative humidity (H-H):	5 - 95 %

Certificates

Certification:	UL 60601-1, cUL (CAN/CSA-C22.2 No. 601.1-M90), TUV (EN 60601-1), CB (IEC 60601-1), IPX1, FCC (A), CE (A), VCCI (A), C-Tick (A), NOM COC, AR S-Mark, GOST-R, WEEE, CE
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Other features

Graphics adapter family:	Intel
Package dimensions (WxDxH):	600 x 360 x 516 mm
Cabling technology:	10/100/1000Base-T(X)
Chassis type:	All-in-One
Compliance industry standards:	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
Display:	TFT LCD
Display included:	Y
Line-in:	Y
Mac compatibility:	N
Networking features:	Gigabit Ethernet
Number of processors installed:	1
Operating temperature (T-T):	32 - 95 °F
Platform:	PC
Power supply:	180 W
Power supply type:	AC
Processor manufacturer:	Intel
Speakers:	monitor built-in

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