

Elo Touch Solution 22CM2 (E743053)

22CM2, C-Series Medical 22-inch Wide Aspect Ratio All-in-One Desktop Touchcomputers for Healthcare Settings, No OS, 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, ITouch



Price details:

Price excl. VAT: 1,239.80 €

Eco fees: 0.04 €

VAT 21 %: 260.37 €

Product details:

Product code: E743053

EAN: 7411493245336

Manufacturer: Elo Touch Solution

1,500.21 €

* VAT included

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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

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|--------------------------|--------------------|
| 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: | Kensington |

Software

| | |
|-----------------------------|---|
| Operating system installed: | N |
|-----------------------------|---|

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

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

Weight & dimensions

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|-----------------|---------|
| Width: | 540 mm |
| Depth: | 98 mm |
| Height: | 333 mm |
| Weight: | 8300 g |
| Package weight: | 14900 g |

Operational conditions

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|------------------------------------|-------------|
| 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

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|---------------------------------|--|
| 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 |
| RoHS compliance: | Y |
| 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 |
| Processor manufacturer: | Intel |
| Speakers: | monitor built-in |

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