17D1 and 17D2 17" All-in-One Touchcomputers

Versatile All-in-One Touchcomputers Brings Style, Flexibility and Functionality to POS, Retail and Hospitality Environments

Elo TouchSystems 17D1 and 17D2 17" All-in-One Touchcomputers expand the high profile Elo family of reliable, easy-to-integrate multi-function touch solutions. These models brings style, flexibility and functionality to point-of-sale (POS), retail and hospitality businesses. With a wide array of field-installable peripherals, spill-resistant sealing, and a wide range of input/output port connection options, the 17D1 and 17D2 are versatile and powerful. They are designed with the future in mind, allowing easy serviceability of the main components and excellent performance with the 17D1 utilizing the Intel Dual-Core Celeron 2.2 GHz processor, and and the Intel Core 2 Duo E8400 3.0GHz processor on the 17D2.

Both feature a sealed touchscreen that resists intrusion of dust and dirt, two-watt/channel speakers in the base and an accessible hard drive. They are available with no operating system and also support Microsoft Windows 7 Professional (32-bit only); Microsoft Windows POSReady 2009; Microsoft Windows XP Professional Service Pack 3 (32-bit only) and are available with a variety of industry-leading Elo touch technologies including the innovative, aesthetic look of the zero-bezel Acoustic Pulse Recognition (APR), IntelliTouch surface acoustic wave and AccuTouch five-wire resistive. POS peripherals that are easily installed in the field include: magnetic strip reader (MSR) for reading credit cards, ID cards, loyalty cards, etc., a rear-facing display for viewing customer transactions, a biometric fingerprint reader for added security, and a single 1-D or omni-directional 2-D barcode scanner.

Features

- Field-installable peripherals
- Field-replaceable motherboard, hard drive, and power supply
- Excellent cable management; cables hidden from view
- 3 serial (2 powered serial), 7 USB 2.0, Ethernet 100/10 Base-T, Cash drawer, 2 PS/2, Audio (1 line-in, 1 line-out, 1 mic-in)
- 3-year warranty

Benefits

- Minimizes downtime with peripherals that are easily installed in the field rather than factory
- Easy serviceability minimizes downtime
- Eliminate accidental disconnection and give a clean, professional look
- Accessible POS-focused input/output ports make installation of peripherals easy
- Customer satisfaction and peace of mind

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Computer Specifications

	17D1:	17D2:
Processor	Intel® Dual-Core Celeron E1500 2.2GHz 512K L2 Cache 800MHz FSB LGA775 Pkg	Intel® Core 2 Duo E8400 3.0GHz 6MB L2 Cache 1333MHz FSB LGA775 Pkg
Memory (RAM)	1GB 800MHz DDR2 standard on one slot; Expandable up to 4GB max [DDR2 667 (PC2-5400) or DDR2-800(PC2-6400)]; Dual Channel	2GB 800MHz DDR2 standard on one slot; Expandable up to 4GB max [DDR2 667 (PC2-5400) or DDR2-800(PC2-6400)]; Dual Channel
Enclosure color	Dark gray	
Display	Size: 17.0" diagonal; Type: Active matrix TFT LCD; Aspect ratio: 5 x 4	
Computer dimensions (max.)	Width: 13.58" (345 mm); Height: 11.34" (288 mm); Depth: 8.35" (212 mm) Dimensions vary with tilt angle and options selected	
Operating system options	No Operating System; Microsoft Windows 7 Professional (32-bit only); Microsoft Windows POSReady 2009; Microsoft Windows XP Professional Service Pack 3 (32-bit only)	
Serial ports	3 x serial ports; 2 x powered serial ports (5V default/12V; selectable via jumper)	
USB ports	7 x USB2.0 ports	
Parallel port	1 x Parallel port	
Ethernet 100/10Base-T port	1 x LAN RJ45	
Cash drawer port	1 x cash drawer (12V/24V default; selectable via jumper); Compatible with the following APG models: MultiPRO 320 with CD-005A cable; MultiPRO 420 with CD-039A cable	
Printer power port	24VDC printer power port (24VDC @ 2A; can accommodate 10.5mA spikes for a duration of 100ms)	
PS/2 port	2 x PS/2 (Keyboard and Mouse)	
Audio port	1 x 3.5 mm line-in; 1 x 3.5 mm line-out; 1 x 3.5 mm mic-in	
Hard disk drive	1 x 2.5" SATA hard drive, 160GB minimum; Optional 2nd 160GB hard drive available	
Compact flash slot	1 x compact flash type I	
Wireless	Wireless kit available (802.11g 54Mbps)	
Power input	Internal power supply (270W) AC; 100 to 240 VAC 47 to 63 Hz; Maximum input power: 336 W	
Power rating	Touchcomputer (without peripherals, receipt printer or power serial ports connected): 160 W max.; Receipt printer: 46 W max.; Powered serial ports: 24 W max.; Total power drawn with all possible peripherals: 243 W max.; Cash drawer 2 W max.	
Options	Magnetic stripe reader; Customer display (20x2 VFD); Biometric fingerprint reader; Single line barcode scanner; Omni-directional barcode scanner; Second 160GB hard drive; Wireless card; Printer power cable	
Temperature	Operating: 0°C to 35°C; Storage: -20°C to 60°C	
Humidity	Operating: 20%-80%; Storage: 5%-95%; noncondensing	
Weight (approx.)	Actual: 26 lb (11.8 kg); Shipping: 30.7 lb (14.0 kg)	
Warranty	3 years	
Backlight lamp life	Minimum 50,000 hours to half brightness	
MTBF	50,000 hours demonstrated	
Agency approvals	UL/cUL, CE, BSMI, NOM, AR, CCC, EK, KCC, GOST-R, RCM, C-Tick, VCCI	
User's controls	Brightness, contrast, phase, auto adjust, H-position, V-position, clock, sharpness, RGB, OSD H-position, OSD V-position, OSD time, OSD language (English, French, Italian, German, Spanish, Japanese, Simplified and Traditional Chinese), recall, power button (All control buttons lockable)	

Display Specifications

Useful screen area	Horizontal: 13.3" (338 mm); Vertical: 10.6" (270 mm)
Native (optimal) resolution	1280 x 1024
Colors	16.7 million
Brightness (typical)	LCD panel: 300 nits; with AccuTouch: 240 nits; with Acoustic Pulse Recognition: 270 nits; with IntelliTouch: 270 nits
Response time–total (typical)	5.0 msec
Viewing angle (typical)	Horizontal: ±80° or 160° total (typical); Vertical: 80°/80° or 160° total (typical)
Contrast ratio (typical)	1000:1

To find out more about Elo's extensive range of touch solutions, go to www.elotouch.com, or call the office nearest you.

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