

















Elo TouchSystems All-in-One Touchcomputers

Specifications	15D1/17D1	15D2/17D2	COOL & QUIET 15B2/17B2	PERFORMANCE 15B1/17B1	PERFORMANCE ULTRA 15B3/17B3	19MR1	COOL & QUIET 19C2/22C2	PERFORMANCE ULTRA 19C3/22C3
								
Product Web Links	15D1 17D1	15D2 17D2	15B2 17B2	15B1 17B1	15B3 17B3	19MR1	19C2 22C2	19C3 22C3
Screen Size	15D1: 15" 17D1: 17"	15D2: 15" 17D2: 17"	15B2: 15" 17B2: 17"	15B1: 15" 17B1: 17"	15B3: 15" 17B3: 17"	19" Widescreen	19C2: 19" Widescreen 22C2: 22" Widescreen	19C3: 19" Widescreen 22C3: 22" Widescreen
Processor	Intel Celeron Dual-Core 2.2GHz E1500, 512KB L2 Cache, 800MHz System Bus	Intel Core 2 Duo 3.0GHz E8400, 6MB L2 Cache, 1333MHz System Bus	Intel Atom Dual Core D510, 1.66GHz 1MB L2 Cache, 533MHz System Bus	Intel Celeron Dual-Core, E1500 2.2GHz 512KB L2 Cache, 800 MHz System Bus	Intel Core 2 Duo E8400, 3.0GHz 6MB L2 Cache, 1333 MHz System Bus	Intel Atom Dual-Core 1.6GHz 330, 512KB L2 Cache, 533MHz System Bus Medical Certification: UL60601 & IPX1 Drip-Proof Rating	Intel 1.66GHz Atom Dual-Core D510, 1MB L2 Cache, 533MHz System Bus	Intel 3.0GHz Core 2 Duo E8400, 6MB L2 Cache, 1333MHz System Bus
Memory (RAM)	1GB ³ (exp. to 4GB max.) on 1 of 2 slots	2GB ³ (exp. to 4GB max.) on 1 of 2 slots	1GB ⁵ (exp. to 4GB max.) on 1 of 2 slots	2GB ⁴ (repl. to 4GB max.) on 1 of 1 slot	2GB ⁴ (repl. to 4GB max.) on 1 of 1 slot	1GB ¹	2GB ⁵ (exp. to 4GB max.) on 1 of 2 slots	2GB ⁴ (repl. to 4GB max.) on 1 of 1 slots
Storage (2.5" SATA)	160GB HDD (opt. 2nd HDD)	160GB HDD (opt. 2nd HDD)	160GB HDD (opt. 2nd HDD)	160GB HDD (opt. 2nd HDD)	160GB HDD (opt. 2nd HDD)	80GB HDD	160GB HDD (opt. 2nd HDD)	160GB HDD (opt. 2nd HDD)
Fan	Yes	Yes	No	Yes	Yes	Yes	No	Yes
USB Ports	7 x USB 2.0	7 x USB 2.0	6 x USB 2.0 (standard) Opt. 2 x 12V powered USB	6 x USB 2.0 (standard) Opt. 2 x 12V powered USB	6 x USB 2.0 (standard) Opt. 2 x 12V powered USB	2 x USB 2.0	6 x USB 2.0	6 x USB 2.0
Serial Ports	5 x RS-232 (3 x standard, 2 x 5V/12V powered (switchable))	5 x RS-232 (3 x standard, 2 x 5V/12V powered (switchable))	2 x USB-to-Serial RS-232	2 x USB-to-Serial RS-232	2 x USB-to-Serial RS-232	1 x RS-232	2 x USB-to-Serial RS-232	2 x USB-to-Serial RS-232
Second Display Port	N/A	N/A	Opt. VGA port	1 x HDMI (standard) Opt. VGA port	1 x HDMI (standard) Opt. VGA port	N/A	Opt. VGA port	1 x HDMI (standard) Opt. VGA port
Ethernet (Gigabit)	1 port	1 port	1 port	1 port	1 port	1 port	1 port	1 port
Wireless Connectivity	Opt. wireless (B/G/N) card	Opt. wireless (B/G/N) card	Opt. USB wireless (B/G/N)	Opt. USB wireless (B/G/N)	Opt. USB wireless (B/G/N)	N/A	Opt. USB wireless (B/G/N)	Opt. USB wireless (B/G/N)
Cash Drawer Port	1 x 12V/24V	1 x 12V/24V	Opt. 12V/24V PCI-E card	Opt. 12V/24V PCI-E card	Opt. 12V/24V PCI-E card	N/A	Opt. 12V/24V PCI-E card	Opt. 12V/24V PCI-E card
PS/2 Port	2 (1 x keyboard, 1 x mouse)	2 (1 x keyboard, 1 x mouse)	N/A	N/A	N/A	2 (1 x keyboard, 1 x mouse)	N/A	N/A
Audio Ports	3 x 3.5mm (In/Out/Mic)	3 x 3.5mm (In/Out/Mic)	3 x 3.5mm (In/Out/Mic)	3 x 3.5mm (In/Out/Mic)	3 x 3.5mm (In/Out/Mic)	3 x 3.5mm (In/Out/Mic) 5.1-channel HD audio	3 x 3.5mm (In/Out/Mic)	3 x 3.5mm (In/Out/Mic)
Additional Ports	1 x parallel/printer 1 x 24V printer power 1 x compact flash (CF) slot	1 x parallel/printer 1 x 24V printer power 1 x compact flash (CF) slot	1 x opt. PCI-E parallel/printer card; 1 x opt. PCI-E 56K modem card; 1 x opt. PCI-E RAID card	1 x opt. PCI-E parallel/printer card; 1 x opt. PCI-E 56K modem card; 1 x opt. PCI-E RAID card	1 x opt. PCI-E parallel/printer card; 1 x opt. PCI-E 56K modem card; 1 x opt. PCI-E RAID card	1 x parallel/printer port	1 x opt. PCI-E parallel/printer card; 1 x opt. PCI-E 56K modem card; 1 x opt. PCI-E RAID card	1 x opt. PCI-E parallel/printer card; 1 x opt. PCI-E 56K modem card; 1 x opt. PCI-E RAID card
Operating Systems	No OS, WEPOS, Windows XP Pro, Windows Vista	No OS, WEPOS, Windows XP Pro, Windows Vista	No OS, POSReady 2009, Windows XP Pro, Windows 7 Pro	No OS, POSReady 2009, Windows XP Pro, Windows 7 Pro	No OS, POSReady 2009, Windows XP Pro, Windows 7 Pro	No OS, Windows XP Pro	No OS, POSReady 2009, Windows 7 Pro	No OS, POSReady 2009, Windows 7 Pro

(1) Supports up to 2GB on one slot as custom order only—NOT customer accessible for upgrade; (2) Supports up to 4GB using two slots as custom order only—NOT customer accessible for upgrade; (3) Supports up to 4GB using two slots—customer-installable; (4) Supports up to 4GB using one slot—customer-replaceable; (5) Max. RAM memory limited to 4GB with 32-bit pre-installed operating system. B2/C2 models support RAM memory upgrade to 8GB (requires 64-bit operating system not available from Elo TouchSystems).

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(continued)

Specifications	15D1/17D1	15D2/17D2	COOL & QUIET 15B2/17B2	PERFORMANCE 15B1/17B1	PERFORMANCE ULTRA 15B3/17B3	19MR1	COOL & QUIET 19C2/22C2	PERFORMANCE ULTRA 19C3/22C3
								
Product Web Links	15D1 17D1	15D2 17D2	15B2 17B2	15B1 17B1	15B3 17B3	19MR1	19C2 22C2	19C3 22C3
Touch Technology*	AccuTouch, IntelliTouch, Zero-Bezel APR (Acoustic Pulse Recognition)	AccuTouch, IntelliTouch, Zero-Bezel APR (Acoustic Pulse Recognition)	AccuTouch (Zero-bezel), IntelliTouch, Zero-Bezel APR (Acoustic Pulse Recognition)	AccuTouch (Zero-bezel), IntelliTouch, Zero-Bezel APR (Acoustic Pulse Recognition)	AccuTouch (Zero-bezel), IntelliTouch, Zero-Bezel APR (Acoustic Pulse Recognition)	APR (Acoustic Pulse Recognition)	AccuTouch (Zero-bezel) IntelliTouch Plus, iTouch (Zero-bezel)	AccuTouch (Zero-bezel) IntelliTouch Plus, iTouch (Zero-bezel)
Stand	N/A	N/A	Adjustable/Removable	Adjustable/Removable	Adjustable/Removable	Adjustable/Removable	Adjustable/Removable	Adjustable/Removable
Computer Width⁶ (with stand/base)	15D1: 13.6" (345mm) 17D1: 15.0" (381mm)	15D2: 13.6" (345mm) 17D2: 15.0" (381mm)	15B2: 14.0" (354mm) 17B2: 15.2" (386mm)	15B1: 14.0" (354mm) 17B1: 15.2" (386mm)	15B3: 14.0" (354mm) 17B3: 15.2" (386mm)	17.7" (449mm)	19C2: 18.7" (475mm) 22C2: 21.2" (540mm)	19C3: 18.7" (475mm) 22C3: 21.2" (540mm)
Computer Height⁶ (with stand/base)	15D1: 11.3" (288mm) 17D1: 11.3" (288mm)	15D2: 11.3" (288mm) 17D2: 11.3" (288mm)	15B2: 14.3" (363mm) 17B2: 14.2" (361mm)	15B1: 14.3" (363mm) 17B1: 14.2" (361mm)	15B3: 14.3" (363mm) 17B3: 14.2" (361mm)	15.0" (380mm)	19C2: 14.9" (380mm) 22C2: 15.3" (389mm)	19C3: 14.9" (380mm) 22C3: 15.3" (389mm)
Computer Depth⁶ (with stand/base)	15D1: 8.4" (212mm) 17D1: 8.4" (212mm)	15D2: 8.4" (212mm) 17D2: 8.4" (212mm)	15B2: 10.5" (267mm) 17B2: 10.5" (267mm)	15B1: 10.5" (267mm) 17B1: 10.5" (267mm)	15B3: 10.5" (267mm) 17B3: 10.5" (267mm)	11.8" (300mm)	19C2: 8.9" (226mm) 22C2: 8.9" (226mm)	19C3: 8.9" (226mm) 22C3: 8.9" (226mm)
Brightness: LCD	15D1: 250 nits 17D1: 300 nits	15D2: 250 nits 17D2: 300 nits	15B2: N/A 17B2: N/A	15B1: N/A 17B1: N/A	15B3: N/A 17B3: N/A	300 nits	250 nits	250 nits
Brightness: AccuTouch	15D1: 200 nits 17D1: 240 nits	15D2: 200 nits 17D2: 240 nits	200 nits	200 nits	200 nits	N/A	200 nits	200 nits
Brightness: IntelliTouch	15D1: 225 nits 17D1: 270 nits	15D2: 225 nits 17D2: 270 nits	225 nits	225 nits	225 nits	N/A	N/A	N/A
Brightness: IntelliTouch Plus	N/A	N/A	N/A	N/A	N/A	N/A	225 nits	225 nits
Brightness: iTouch	N/A	N/A	N/A	N/A	N/A	N/A	225 nits	225 nits
Brightness: APR	15D1: 225 nits 17D1: 270 nits	15D2: 225 nits 17D2: 270 nits	225 nits	225 nits	225 nits	270 nits	N/A	N/A
Contrast Ratio (typical)	15D1: 700:1 17D1: 1000:1	15D2: 700:1 17D2: 1000:1	15B2: 700:1 17B2: 1000:1	15B1: 700:1 17B1: 1000:1	15B3: 700:1 17B3: 1000:1	1000:1	1000:1	1000:1
Operating Temperature	0°C to 35°C	0°C to 35°C	0°C to 35°C	0°C to 35°C	0°C to 35°C	0°C to 40°C	0°C to 35°C	0°C to 35°C
Storage Temperature	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C	-30°C to 60°C	-30°C to 60°C
Standard Warranty	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years
VESA Mount	N/A	N/A	100mm	100mm	100mm	100mm	100mm	100mm
Peripherals⁷ (optional)	MSR, 2 x 20 VFD RFCD, biometric FPR, barcode scanner	MSR, 2 x 20 VFD RFCD, biometric FPR, barcode scanner	MSR, 2 x 20 VFD RFCD, biometric FPR, webcam kit	MSR, 2 x 20 VFD RFCD, biometric FPR, webcam kit	MSR, 2 x 20 VFD RFCD, biometric FPR, webcam kit	Speaker bar, speaker bar with integrated MSR	MSR, 2 x 20 VFD RFCD, biometric FPR, webcam kit	MSR, 2 x 20 VFD RFCD, biometric FPR, webcam kit
Customer-Installable Upgrades/Options	HDD, 2nd HDD, RAM memory, wireless adapter	HDD, 2nd HDD, RAM memory, wireless adapter	HDD, 2nd HDD, SSD, RAM memory, USB wireless; cash drawer port; 2nd VGA display port; PCI-E: RAID, modem, parallel/ printer port	HDD, 2nd HDD, SSD, RAM memory, USB wireless; cash drawer port; 2nd VGA display port; PCI-E: RAID, modem, parallel/ printer port	HDD, 2nd HDD, SSD, RAM memory, USB wireless; cash drawer port; 2nd VGA display port; PCI-E: RAID, modem, parallel/ printer port	HDD	HDD, 2nd HDD, SSD, RAM memory, USB wireless; cash drawer port; 2nd VGA display port; PCI-E: RAID, modem, parallel/ printer port	HDD, 2nd HDD, SSD, RAM memory, USB wireless; cash drawer port; 2nd VGA display port; PCI-E: RAID, modem, parallel/ printer port

(6) Dimensions vary with tilt angle and options selected. (7) Peripheral abbreviations: MSR=Magnetic Stripe Reader, RFCD=Rear-Facing Customer Display, FPR=Fingerprint Reader



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