

Elo TouchSystems All-in-One Touchcomputers

Specifications	1520 Standard/ 1520 Advanced	15D1/17D1	15D2/17D2	COOL & QUIET 15B2/17B2	PERFORMANCE 15B1/17B1	PERFORMANCE ULTRA 15B3/17B3	19R1/19R2	19MR1
								
Product Web Links	1520 1520-A	15D1 17D1	15D2 17D2	15B2 17B2	15B1 17B1	15B3 17B3	19R1 19R2	19MR1
Screen Size	15"	15D1: 15" 17D1: 17"	15D2: 15" 17D2: 17"	15B2: 15" 17B2: 17"	15B1: 15" 17B1: 17"	15B3: 15" 17B3: 17"	19" Widescreen	19" Widescreen
Processor	Standard: Intel Atom Dual-Core 1.6GHz 330, 512MB L2 Cache, 533MHz System Bus Advanced: Intel Core 2 Duo 3.0GHz E8400, 6MB L2 Cache, 1333MHz System Bus	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	19R1: Intel Atom Dual-Core 1.6GHz 330, 512KB L2 Cache, 533MHz System Bus 19R2: Intel Pentium Dual-Core 2.6 GHz E5300, 2MB L2 Cache, 800MHz System Bus	Intel Atom Dual-Core 1.6GHz 330, 512KB L2 Cache, 533MHz System Bus Medical Certification: UL60601 & IPX1 Drip-Proof Rating
Memory (RAM)	Standard: 1GB ¹ Advanced: 2GB ²	1GB ³ (exp. to 4GB max.) on 1 of 2 slots	2GB ³ (exp. to 4GB max.) on 1 of 2 slots	1GB ⁴ (exp. to 2GB max.) on 1 of 2 slots	2GB ⁴ (exp. to 4GB max.) on 1 of 1 slot	2GB ⁴ (exp. to 4GB max.) on 1 of 1 slot	19R1: 1GB ¹ 19R2: 2GB ²	1GB ¹
Storage (2.5" SATA)	Standard: 80GB HDD Advanced: 160GB HDD	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)	19R1: 80GB HDD 19R2: 160GB HDD	80GB HDD
Fan	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
USB Ports	Standard: 4 x USB 2.0 Advanced: 6 x USB 2.0	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	2 x USB 2.0
Serial Ports	Standard: 1 x RS-232 Advanced: 1 x RS-232	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 RS-232	2 x RS-232	2 x RS-232	1 x RS-232	1 x RS-232
Second Display Port	Standard: N/A Advanced: 1 x DVI-D	N/A	N/A	Opt. VGA port	1 x HDMI (standard) Opt. VGA port	1 x HDMI (standard) Opt. VGA port	N/A	N/A
Ethernet (Gigabit)	Standard: 1 port Advanced: 1 port	1 port	1 port	1 port	1 port	1 port	19R1: 1 port 19R2: 2 ports	1 port
Wireless Connectivity	N/A	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	N/A
Cash Drawer Port	N/A	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	N/A
PS/2 Port	Standard: 2 (1 x keyboard, 1 x mouse) Advanced: N/A	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)	2 (1 x keyboard, 1 x mouse)
Audio Ports	3 x 3.5mm (In/Out/Mic) 6-channel HD audio	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) 5.1-channel HD audio
Additional Ports	1 x 3Gb/s eSATA	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	19R1: 1 x parallel/printer port	1 x parallel/printer port
Operating Systems	No OS, WEPOS, Windows XP Pro	No OS, WEPOS, Windows XP Pro, Windows Vista	No OS, WEPOS, Windows XP Pro, Windows Vista	No OS, Windows XP Pro	No OS, Windows XP 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.



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(continued)

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Product Web Links	1520 1520-A	15D1 17D1	15D2 17D2	15B2 17B2	15B1 17B1	15B3 17B3	19R1 19R2	19MR1
Touch Technology*	Standard: AccuTouch, IntelliTouch Advanced: APR (Acoustic Pulse Recognition) only	AccuTouch, IntelliTouch, Zero-Bezel APR (Acoustic Pulse Recognition)	AccuTouch, IntelliTouch, Zero-Bezel APR (Acoustic Pulse Recognition)	Zero-Bezel AccuTouch, IntelliTouch, Zero-Bezel APR (Acoustic Pulse Recognition)	Zero-Bezel AccuTouch, IntelliTouch, Zero-Bezel APR (Acoustic Pulse Recognition)	Zero-Bezel AccuTouch, IntelliTouch, Zero-Bezel APR (Acoustic Pulse Recognition)	APR (Acoustic Pulse Recognition)	APR (Acoustic Pulse Recognition)
Stand	Short/Removable	N/A	N/A	Adjustable/Removable	Adjustable/Removable	Adjustable/Removable	Adjustable/Removable	Adjustable/Removable
Computer Width⁵ (with stand/base)	14.0" (355mm)	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)	17.7" (449mm)
Computer Height⁵ (with stand/base)	16.0" (405mm)	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)	15.0" (380mm)
Computer Depth⁵ (with stand/base)	7.9" (200mm)	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)	11.8" (300mm)
Brightness: LCD	250 nits	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	300 nits
Brightness: AccuTouch	Standard: 200 nits Advanced: N/A	15D1: 200 nits 17D1: 240 nits	15D2: 200 nits 17D2: 240 nits	200 nits	200 nits	200 nits	N/A	N/A
Brightness: IntelliTouch	Standard: 225 nits Advanced: N/A	15D1: 225 nits 17D1: 270 nits	15D2: 225 nits 17D2: 270 nits	225 nits	225 nits	225 nits	N/A	N/A
Brightness: Acoustic Pulse Recognition (APR)	Standard: N/A Advanced: 230 nits	15D1: 225 nits 17D1: 270 nits	15D2: 225 nits 17D2: 270 nits	225 nits	225 nits	225 nits	270 nits	270 nits
Contrast Ratio (typical)	500:1	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
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 35°C	0°C to 40°C	0°C to 40°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	-20°C to 60°C	-20°C to 60°C
Standard Warranty	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years
VESA Mount	75mm	N/A	N/A	100mm	100mm	100mm	100mm	100mm
Peripherals⁶	MSR	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	MSR, 2 x 20 VFD RFCD, biometric FPR	MSR, 2 x 20 VFD RFCD, biometric FPR	Speaker bar, speaker bar with integrated MSR	Speaker bar, speaker bar with integrated MSR
Customer-Installable Upgrades/Options	HDD	HDD, 2nd HDD, RAM memory, wireless adapter	HDD, 2nd HDD, RAM memory, wireless adapter	HDD, 2nd HDD, SSD, RAM memory, USB wireless; powered USB plus cash drawer port, 2nd VGA display port; PCI-E: RAID, modem, parallel/printer port	HDD, 2nd HDD, SSD, RAM memory, USB wireless; powered USB plus cash drawer port, 2nd VGA display port; PCI-E: RAID, modem, parallel/printer port	HDD, 2nd HDD, SSD, RAM memory, USB wireless; powered USB plus cash drawer port, 2nd VGA display port; PCI-E: RAID, modem, parallel/printer port	HDD	HDD

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



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