



## B-Series Model B2 Rev. B Fan-less All-in-One Touchcomputers

The Elo Touch Solutions B-Series Fan-less B2 model provides a compact, configurable, ruggedized touchcomputer in two screen sizes: 15-inch and 17-inch. These models are available with a choice of industry-leading Elo touch technologies: AccuTouch ("no-bezel" resistive) or iTouch Plus (zero-bezel multi-touch surface acoustic wave). The B-Series B2 models are fan-less—well-suited for environments where noise may be an issue—and can meet the diverse needs of a wide variety of point-of-sale (POS), point-of-information (POI), and point-of-service venues, including retail and hospitality display units, customer loyalty systems, internet access sites and mobile kiosks.

The B-Series touchcomputers have a compact, stylish design, with a choice of configuration and customer-installable peripheral options as well as ease of serviceability. These models feature a fan-less Intel Atom™ Dual-Core 1.86GHz N2800 processor, and support multiple customer-installable memory and storage configurations. For applications requiring even higher performance, look at the powerful, fan-cooled B3 models with the 3rd Generation Intel Core-i3, 3.3GHz i3-3220 processor with HD2500 graphics.





## Features

- Small footprint, retail-hardened, flexible touchcomputer
- Fan-less model ideal for quiet environments
- Full range of standard connectivity ports for retail POS/POI and hospitality applications
- Customer-installable peripheral, memory and storage options
- Choice of industry-leading Elo touch technologies: AccuTouch ("no-bezel" resistive) and iTouch Plus (zero-bezel multi-touch surface acoustic wave)
- "Designed for touch" from the ground-up; stable stand and tiltable display
- 3 year standard warranty plus Elo quality and reliability

## **Benefits**

- Outstanding configurability and customization options to meet all your connectivity needs
- Zero-bezel models provide a seamless, edge-to-edge design for a sleek appearance that is easy to clean and maintain
- Stability to withstand the rigors of use in a public environment





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| Enclosure Color   Dark grey   Intel 1.80GHz Atom Dual-Core N2800; 1MB L2 Cache; 2.5 GT/s Direct Media Interface (DMI)   Memorry (RAM)   2GB 1333MHz DDR3 SO-DIMM on 1 of 2 slots, Expandable to 4GB   Intel (MM10 Express Video   Intel (MM3 800   2 x Native RS-232   SPorts   3 x LAN RJ45 (Gigabit)     | Computer Specifications       | 15B2 15-inch model:   | 17B2 17-inch model:   |
|--|-------------------------------|---|---|
| Processor  |                               |   | 1752 17-Mich Model.   |
| Memory (RAM)   |                               | • ,   |   |
| Chipset  |                               |   |   |
| Video         Intel GMA 3600           Serial Ports         2 x Native RS-232           USB Ports         6 x USB 2.0 (4 on I/O, 1 x USB side access, 1 x USB hidden/protected). (Additional internal ports available for optional Elio peripherals.)           Ethernet Port         1 x LAN RU4 (Gigabit)           Cash Drawer Port         Built-in 12V/24V Cash Drawer Port (24V default; selectable via jumper)           Additional Video Out         1 x 3.5mm line-in; 1 x 3.5mm line-out; 1 x 3.5mm mic-in           Additional Video Out         1 x 3.5mm line-in; 1 x 3.5mm line-out; 1 x 3.5mm mic-in           Speakers         Ivo 2W internal speakers           Hard Disk Drive         320GB 2.5° 5400rpm Advanced Format (4K) SATA HDD           Real-Time Clock         Replaceable lithium-ion battery for clock           Operating System Options         No Operating System; Microsoft Windows XP Professional Service Pack 1 (32-bit only)           Microsoft Windows 7 Professional Service Pack 1 (32-bit only)         Microsoft Windows 7 Professional Service Pack 1 (32-bit only)           Touchcomputer Dimensions         4 x 3 x 4 x 3 x 3 x 4 x 3 x 3 x 3 x 3 x   | •                             | ·   |   |
| Serial Ports   |                               | ·   |   |
| USB Ports  6 x USB 2.0 (4 on I/O, 1 x USB side access, 1 x USB hidden/protected). (Additional internal ports available for optional Elip peripherals.)  1 x LAN RJ45 (Gigabit)  2 x b Drawer Port  Additional Video Out  1 x 2 nd VGA out port  1 x 2 nd VGA out port  1 x 2 nd VGA out port  1 x 3.5mm line-in; 1 x 3.5mm line-out; 1 x 3.5mm mic-in  Speakers  Two 2W Internal speakers  Hard Disk Drive  8 220 68 2 25 5400pm Advanced Format (4K) SATA HDD  Real-Time Clock  Replaceable lithium-ion battery for clock  Operating System Options  No Operating System; Microsoft Windows X Professional Service Pack 1 (32-bit only);  Microsoft Windows X Professional Service Pack 1 (32-bit only)  Touchcomputer Dimensions (max. with stand, dimensions vary with tilt and options)  Weight  With stand: 17.9lbs (8.1kg); without stand:  13.0lbs (5.9kg); shipping: 24.5lbs (11.1kg)  14.0' x 10.2' x 21.9' (44.3mm x 258mm x 555mm)  Power Consumption (max.)  47W (without peripherals)  14" x 10.2' x 21.9' (44.3mm x 258mm x 555mm)  Warranty  Warranty  Warranty  Warranty  Warranty  Agency Certification  Operating: 20% to 80%; Storage: 5% to 95%  3 years  MTBF  50,000 hours demonstrated  Cables and Accessories  North American and European power cables included  External 12VDC universal-type power supply brick; AC input voltage: 100-240VAC; Input frequency 50-60Hz; max. output power: 150W (max. draw: 170W)  Agency Certification  UL/cUL, FCC, TUV, CE, CB, Mexico COC, Argentine S-mark (power brick only), C-Tick, VCCI, CCC  Other Features  Display  16.0' diagonal, Active matrix TFT LCD (CCFL), 4 x 3  170' diagonal, Active matrix TFT LCD (LED), 5 x: 1260 x 10.6' (338.0mm x 270.0mm)  Native (optimal) Resolution  100-1  Notive (optimal) Resolution  Power, Drightness up, brightness down, volume up, volume down  Power and control buttons lock  Power button be defined to the process of 125° total  |                               |   |   |
| Ethernet Port  |                               | 6 x USB 2.0 (4 on I/O, 1 x USB side access, 1 x USB hidden/protected). (Additional internal ports   |   |
| Cash Drawer Port Additional Video Out 1 x 2nd VGA out port 1 x 3.5mm line-in; 1 x 3.5mm line-out; 1 x 3.5mm mic-in Speakers Two 2W internal speakers Hard Disk Drive 320GB 2.5° 5400rpm Advanced Format (4K) SATA HDD Real-Time Clock Operating System Options No Operating System; Microsoft Windows XP Professional Service Pack 3 (32-bit only); Microsoft Windows XP Professional Service  | Ethornot Port                 |   |   |
| Additional Video Out         1 x 2nd VGA out port           Audio Ports         1 x 3.5mm line-in; 1 x 3.5mm line-out; 1 x 3.5mm mic-in           Speakers         Two 2W internal speakers           Hard Disk Drive         320GB 2.5° 5400rpm Advanced Format (4K) SATA HDD           Real-Time Clock         Replaceable lithium-ion battery for clock           Operating System Options         No Operating System, Wilcrosoft Windows XP Professional Service Pack 1 (32-bit only)           Touchcomputer Dimensions (max. with stand, dimensions vary with tilt and options)         x 363.5mm)         x 363.5mm)           Weight         With stand: 179lbs (8,1 kg); without stand: 13.0lbs (5.9kg); shipping: 24.5lbs (11.1kg)         15.2° x 10.5° x 14.2° (386.4mm x 267mm x 361.0mm)           Shipping Box Dimensions vary with tilt and options)         474 x 10.2° x 21.9° (443/mm x 258mm x 555mm)         With stand: 19.8lbs (9.0kg); without stand: 15.0lbs (6.8kg); shipping: 26.4lbs (12.0kg)           Shipping Box Dimensions         174° x 10.2° x 21.9° (443/mm x 258mm x 555mm)         48W (without peripherals)           Power Consumption (max.)         47W (without peripherals)         48W (without peripherals)           Temperature         Operating: 20% to 80%; Storage: 5% to 95%           Warranty         3 years           MTBF         50,000 hours demonstrated           Cables and Accessories         North American and European power cables included      <  |                               | · · · · · · · · · · · · · · · · · · ·   |   |
| Audio Ports  |                               |   |   |
| Speakers Two 2W internal speakers  Hard Disk Drive 320GB 2.5' 5400rpm Advanced Format (4K) SATA HDD  Real-Time Clock Operating System Options No Operating System; Microsoft Windows XP Professional Service Pack 3 (32-bit only); Microsoft Windows XP Professional Service Pack 1 (32-bit only) Microsoft Windows XP Professional Service Pack 1 (32-bit only) Microsoft Wintows XP Professional Service Pack 1 (32-bit only) Microsoft Wintows XP Professio |                               | ·   |   |
| Hard Disk Drive  Real-Time Clock  Operating System Options  No Operating System; Microsoft Windows XP Professional Service Pack 3 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only); Microsoft Windows 7 Professional Service Pack 3 (32-bit only); Microsoft Windows 7 Professional Service Pack 3 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only) Service 1 (5-2 V 10-5 V 14-2 V 10-5 V 10 |                               |   |   |
| Real-Time Clock Operating System Options No Operating System, Microsoft Windows XP Professional Service Pack 3 (32-bit only); Microsoft Windows YP Professional Service Pack 1 (32-bit only); Touchcomputer Dimensions (max. with stand., dimensions vary with tilt and options) Weight With stands 1.79lbs (8.1kg); without stand: 13.0lbs (6.9kg); shipping; 24.5lbs (11.1kg) Shipping Box Dimensions Power Consumption (max.) Temperature Operating: 32°F to 95°F (0°C to 35°C); Storage -4°F to 140°F (-20°C to 60°C) Humidity (non-condensing) Warranty MTBF Source Supply External 12VDC universal-type power supply brick; AC input voltage: 100-240VAC; Input frequency 50-60Hz; max. output power: 150W (max. draw: 170W) Agency Certification UL/CUL, F.CC, TULY CE, CB, Mexico COC, Argentina S-mark (power brick only), C-Tick, VCCI, CCC Other Features Display Display Specifications Display Specifications Display 15.0° diagonal, Active matrix TFT LCD (CCFL), 4 × 3   17.0° diagonal, Active matrix TFT LCD (CCFL), 4 × 768   12.0° v 14.0° | '                             | ·   |   |
| No Operating System Options   No Operating System; Microsoft Windows XP Professional Service Pack 3 (32-bit only); Microsoft Windows 7 Professional Service Pack 1 (32-bit only); Microsoft Windows 7 Professional Servic   |                               | ·   |   |
| Microsoft Windows 7 Professional Service Pack 1 (32-bit only) Touchcomputer Dimensions (max. with stand, dimensions vary with tilt and options) Weight With stand; 17.9lbs (8.1kg); without stand: 15.0lbs (6.8kg); shipping: 24.5lbs (11.1kg) 15.0lbs (6.8kg); shipping: 24.5lbs (11.1kg) 15.0lbs (6.8kg); shipping: 26.4lbs (12.0kg) Shipping Box Dimensions 17.4" x 10.2" x 21.9" (443mm x 258mm x 555mm) Power Consumption (max.) 47W (without peripherals) 48W (without peripherals) Temperature Operating: 32°F to 95°F (0°C to 35°C); Storage -4°F to 140°F (-20°C to 60°C) Humidity (non-condensing) Operating: 20% to 80%; Storage: 5% to 95% Marranty 3 years MTBF 50,000 hours demonstrated Cables and Accessories North American and European power cables included Power Supply External 12VDC universal-type power supply brick; AC input voltage: 100-240VAC; Input frequency 50-60Hz; max. output power: 150W (max. draw: 170W) Agency Certification UL/cPLC, TUV, CE, CB, Mexico COC, Argentina S-mark (power brick only), C-Tick, VCCI, CCC Other Features Serviceable internal components; removable base with 100mm VESA mounting; threaded holes or bottom of base for mounting; Kensington security lock  Display Specifications Display 15.0" diagonal, Active matrix TFT LCD (CCFL), 4 x 3 17.0" diagonal, Active matrix TFT LCD (LED), 5 x: 12.0" x 9.0" (304.0mm x 228.0mm) 12.0" x 9.0" (304.0mm x 200 nits; iTouch Plus: 225 nits  Pesponse Time—total (typical) 8 ms 5 ms Viewing Angle (typical) Horizontal: ±70° or 140° total; Vertical: ±80° or 160° total (400 total) 1000:1  Contrast Ratio (typical) Power, brightness up, brightness down, volume up, volume down  Security Lockouts Power and control buttons lock   |                               | ·   |   |
| (max. with stand, dimensions vary with tilt and options)  With stand: 17:9lbs (8.1kg); without stand: 13.0lbs (5.9kg); shipping: 24.5lbs (11.1kg)  Shipping Box Dimensions  17.4" x 10.2" x 21.9" (443mm x 258mm x 555mm)  Power Consumption (max.)  74W (without peripherals)  174W (without peripherals)  175W (without peripherals)  174W (without peripherals  174W (without peri |                               | Microsoft Windows 7 Professional Service Pack 1 (32-bit only)   |   |
| 13.0lbs (5.9kg); shipping: 24.5lbs (11.1kg) 15.0lbs (6.8kg); shipping: 26.4lbs (12.0kg)  Shipping Box Dimensions 17.4" x 10.2" x 21.9" (443mm x 258mm x 555mm)  Power Consumption (max.) 47W (without peripherals) 48W (without peripherals)  Temperature Operating: 32"F to 95"F (0°C to 35°C); Storage -4°F to 140°F (-20°C to 60°C)  Humidity (non-condensing) Operating: 20% to 80%; Storage: 5% to 95%  Warranty 3 years  MTBF 50,000 hours demonstrated  Cables and Accessories North American and European power cables included  Power Supply External 12VDC universal-type power supply brick; AC input voltage: 100-240VAC; Input frequency 50-60Hz; max. output power: 150W (max. draw: 170W)  Agency Certification UL/cUL, FCC, TUV, CE, CB, Mexico COC, Argentina S-mark (power brick only), C-Tick, VCCI, CCC  Other Features Serviceable internal components; removable base with 100mm VESA mounting; threaded holes or bottom of base for mounting; Kensington security lock  Display Specifications  Display Specifications  Display 15.0" diagonal, Active matrix TFT LCD (CCFL), 4 x 3 17.0" diagonal, Active matrix TFT LCD (LED), 5 x 10.5" diagonal, Active matrix TFT LCD (CCFL), 4 x 3 17.0" diagonal, Active matrix TFT LCD (LED), 5 x 10.5" diagonal, Active matrix TFT LCD (LED), 5 x 10.5" diagonal, Active matrix TFT LCD (LED), 5 x 10.5" diagonal, Active matrix TFT LCD (LED), 5 x 10.5" diagonal, Active matrix TFT LCD (LED), 5 x 10.5" diagonal, Active matrix TFT LCD (LED), 5 x 10.5" diagonal, Active matrix TFT LCD (LED), 5 x 10.5" diagonal, Active matrix TFT LCD (LED), 5 x 10.5" diagonal, Active matrix TFT LCD (LED), 5 x 10.5" diagonal, Active matrix TFT LCD (LED), 5 x 10.5" diagonal, Active matrix TFT LCD (LED), 5 x 10.5" diagonal, Active matrix TFT LCD (LED), 5 x 10.5" diagonal, Active matrix TFT LCD (LED), 5 x 10.5" diagonal, Active matrix TFT LCD (LED), 5 x 10.5" diagonal, Active matrix TFT LCD (LED), 5 x 10.5" diagonal, Active matrix TFT LCD (LED), 5 x 10.5" diagonal, Active matrix TFT LCD (LED), 5 x 10.5" diagonal, Active matrix TFT LCD (LED),  | (max. with stand, dimensions  |   |   |
| Power Consumption (max.)  47W (without peripherals)  48W (without peripherals)  Temperature  Operating: 32°F to 95°F (0°C to 35°C); Storage -4°F to 140°F (-20°C to 60°C)  Humidity (non-condensing)  Operating: 20% to 80%; Storage: 5% to 95%  Warranty  3 years  MTBF  50,000 hours demonstrated  Cables and Accessories  North American and European power cables included  Power Supply  External 12VDC universal-type power supply brick; AC input voltage: 100-240VAC; Input frequency 50-60Hz; max. output power: 150W (max. draw: 170W)  Agency Certification  UL/cUL, FCC, TUV, CE, CB, Mexico COC, Argentina S-mark (power brick only), C-Tick, VCCI, CCC  Other Features  Serviceable internal components; removable base with 100mm VESA mounting; threaded holes of bottom of base for mounting; Kensington security lock  Display Specifications  Display  15.0" diagonal, Active matrix TFT LCD (CCFL), 4 x 3  Useful Screen Area (W x H)  12.0" x 9.0" (304.0mm x 228.0mm)  Native (optimal) Resolution  1024 x 768  1280 x 1024  Colors  Brightness (typical)  LCD panel: 250 nits; AccuTouch: 200 nits; iTouch Plus: 225 nits  Response Time—total (typical)  Horizontal: ±70° or 140° total; Vertical: ±80° or 160° total; Vertical: ±80° or 160° total  Contrast Ratio (typical)  Power, brightness up, brightness down, volume up, volume down  Security Lockouts  Power and control buttons lock  | Weight                        |   | With stand: 19.8lbs (9.0kg); without stand: 15.0lbs (6.8kg); shipping: 26.4lbs (12.0kg) |
| Temperature Operating: 32°F to 95°F (0°C to 35°C); Storage -4°F to 140°F (-20°C to 60°C)  Humidity (non-condensing) Operating: 20% to 80%; Storage: 5% to 95%  Warranty 3 years  MTBF 50,000 hours demonstrated  Cables and Accessories North American and European power cables included  Power Supply External 12VDC universal-type power supply brick; AC input voltage: 100-240VAC; Input frequency 50-60Hz; max. output power: 150W (max. draw: 170W)  Agency Certification UL/cUL, FCC, TUV, CE, CB, Mexico COC, Argentina S-mark (power brick only), C-Tick, VCCI, CCC  Other Features Serviceable internal components; removable base with 100mm VESA mounting; threaded holes of bottom of base for mounting; Kensington security lock  Display Specifications  Display Specifications  Display 15.0° diagonal, Active matrix TFT LCD (CCFL), 4 x 3 17.0° diagonal, Active matrix TFT LCD (LED), 5 x 10.0° (338.0mm x 270.0mm)  Native (optimal) Resolution 1024 x 768 1230 x 1024  Colors 16.7 million  Brightness (typical) LCD panel: 250 nits; AccuTouch: 200 nits; iTouch Plus: 225 nits  Response Time—total (typical) Horizontal: ±70° or 140° total; Vertical: ±80° or 160° total  Contrast Ratio (typical) Power, brightness up, brightness down, volume up, volume down  Security Lockouts Power and control buttons lock   | Shipping Box Dimensions       | 17.4" x 10.2" x 21.9" (443mm x 258mm x 555mm)   |   |
| Humidity (non-condensing)  Operating: 20% to 80%; Storage: 5% to 95%  Warranty  3 years  MTBF  50,000 hours demonstrated  Cables and Accessories  North American and European power cables included  Power Supply  External 12VDC universal-type power supply brick; AC input voltage: 100-240VAC; Input frequency 50-60Hz; max. output power: 150W (max. draw: 170W)  Agency Certification  UL/cUL, FCC, TUV, CE, CB, Mexico COC, Argentina S-mark (power brick only), C-Tick, VCCI, CCC  Other Features  Serviceable internal components; removable base with 100mm VESA mounting; threaded holes or bottom of base for mounting; Kensington security lock  Display Specifications  Display  15.0" diagonal, Active matrix TFT LCD (CCFL), 4 x 3  Useful Screen Area (W x H)  12.0" x 9.0" (304.0mm x 228.0mm)  Native (optimal) Resolution  1024 x 768  1280 x 1024  Colors  16.7 million  Brightness (typical)  LCD panel: 250 nits; AccuTouch: 200 nits; iTouch Plus: 225 nits  Response Time—total (typical)  Vertical: ±70° or 140° total; Vertical: ±80° or 160° total; Vertical: ±80° or 160° total; Vertical: ±80° or 160° total  Contrast Ratio (typical)  Power, brightness up, brightness down, volume up, volume down  Security Lockouts  Power and control buttons lock   | Power Consumption (max.)      | 47W (without peripherals)   | 48W (without peripherals)   |
| Warranty 3 years  MTBF 50,000 hours demonstrated  Cables and Accessories North American and European power cables included  Power Supply External 12VDC universal-type power supply brick; AC input voltage: 100-240VAC; Input frequency 50-60Hz; max. output power: 150W (max. draw: 170W)  Agency Certification UL/cUL, FCC, TUV, CE, CB, Mexico COC, Argentina S-mark (power brick only), C-Tick, VCCI, CCC  Other Features Serviceable internal components; removable base with 100mm VESA mounting; threaded holes of bottom of base for mounting; Kensington security lock  Display Specifications  Display 15.0° diagonal, Active matrix TFT LCD (CCFL), 4 x 3 17.0° diagonal, Active matrix TFT LCD (LED), 5 x 19.0° (304.0mm x 228.0mm) 13.3" x 10.6° (338.0mm x 270.0mm)  Native (optimal) Resolution 1024 x 768 1280 x 1024  Colors 16.7 million  Brightness (typical) LCD panel: 250 nits; AccuTouch: 200 nits; iTouch Plus: 225 nits  Response Time—total (typical) 4 ms 5 ms  Viewing Angle (typical) 4 Horizontal: ±70° or 140° total; Vertical: ±80° or 160° total; Vertical: 60°/65° or 125° total  Contrast Ratio (typical) 700:1 1000:1  Controls (bottom) Power, brightness up, brightness down, volume up, volume down  Security Lockouts   | Temperature                   | Operating: 32°F to 95°F (0°C to 35°C); Storage -4°F to 140°F (-20°C to 60°C)  |   |
| MTBF  50,000 hours demonstrated  Cables and Accessories  North American and European power cables included  Power Supply  External 12VDC universal-type power supply brick; AC input voltage: 100-240VAC; Input frequency 50-60Hz; max. output power: 150W (max. draw: 170W)  Agency Certification  UL/cUL, FCC, TUV, CE, CB, Mexico COC, Argentina S-mark (power brick only), C-Tick, VCCI, CCC  Other Features  Serviceable internal components; removable base with 100mm VESA mounting; threaded holes or bottom of base for mounting; Kensington security lock  Display Specifications  Display  15.0" diagonal, Active matrix TFT LCD (CCFL), 4 x 3 Useful Screen Area (W x H)  12.0" x 9.0" (304.0mm x 228.0mm)  Native (optimal) Resolution  1024 x 768  1280 x 1024  Colors  16.7 million  Brightness (typical)  LCD panel: 250 nits; AccuTouch: 200 nits; iTouch Plus: 225 nits  Response Time-total (typical)  Viewing Angle (typical)  Horizontal: ±70° or 140° total; Vertical: ±80° or 160° total; Vertical: ±80° or 160° total; Vertical: ±80° or 160° total  Contrast Ratio (typical)  Power, brightness up, brightness down, volume up, volume down  Security Lockouts  Power and control buttons lock  | Humidity (non-condensing)     | Operating: 20% to 80%; Storage: 5% to 95%   |   |
| Cables and Accessories  North American and European power cables included  Power Supply  External 12VDC universal-type power supply brick; AC input voltage: 100-240VAC; Input frequency 50-60Hz; max. output power: 150W (max. draw: 170W)  Agency Certification  UL/cUL, FCC, TUV, CE, CB, Mexico COC, Argentina S-mark (power brick only), C-Tick, VCCI, CCC Other Features  Serviceable internal components; removable base with 100mm VESA mounting; threaded holes of bottom of base for mounting; Kensington security lock  Display Specifications  Display  15.0" diagonal, Active matrix TFT LCD (CCFL), 4 x 3   17.0" diagonal, Active matrix TFT LCD (LED), 5 x 1   13.3" x 10.6" (338.0mm x 270.0mm)  Native (optimal) Resolution  1024 x 768   1280 x 1024  Colors   16.7 million  Brightness (typical)   LCD panel: 250 nits; AccuTouch: 200 nits; iTouch Plus: 225 nits  Response Time—total (typical)   Horizontal: ±70° or 140° total; Vertical: ±80° or 160° total  Contrast Ratio (typical)   Power, brightness up, brightness down, volume up, volume down  Security Lockouts   Power and control buttons lock   | Warranty                      | 3 years   |   |
| Power Supply  External 12VDC universal-type power supply brick; AC input voltage: 100-240VAC; Input frequency 50-60Hz; max. output power: 150W (max. draw: 170W)  Agency Certification  UL/cUL, FCC, TUV, CE, CB, Mexico COC, Argentina S-mark (power brick only), C-Tick, VCCI, CCC  Other Features  Serviceable internal components; removable base with 100mm VESA mounting; threaded holes or bottom of base for mounting; Kensington security lock  Display Specifications  Display 15.0" diagonal, Active matrix TFT LCD (CCFL), 4 x 3 17.0" diagonal, Active matrix TFT LCD (LED), 5 x 12.0" x 9.0" (304.0mm x 228.0mm) 13.3" x 10.6" (338.0mm x 270.0mm)  Native (optimal) Resolution 1024 x 768 1280 x 1024  Colors 16.7 million  Brightness (typical) LCD panel: 250 nits; AccuTouch: 200 nits; iTouch Plus: 225 nits  Response Time—total (typical) Horizontal: ±70° or 140° total; Vertical: ±80° or 160° total  Contrast Ratio (typical) Power, brightness up, brightness down, volume up, volume down  Security Lockouts Power and control buttons lock  | MTBF                          | 50,000 hours demonstrated   |   |
| 50-60Hz; max. output power: 150W (max. draw: 170W)  Agency Certification  UL/cUL, FCC, TUV, CE, CB, Mexico COC, Argentina S-mark (power brick only), C-Tick, VCCI, CCC  Other Features  Serviceable internal components; removable base with 100mm VESA mounting; threaded holes of bottom of base for mounting; Kensington security lock  Display Specifications  Display  15.0" diagonal, Active matrix TFT LCD (CCFL), 4 x 3  Useful Screen Area (W x H)  12.0" x 9.0" (304.0mm x 228.0mm)  Native (optimal) Resolution  1024 x 768  1280 x 1024  Colors  16.7 million  Brightness (typical)  LCD panel: 250 nits; AccuTouch: 200 nits; iTouch Plus: 225 nits  Response Time-total (typical)  Viewing Angle (typical)  Horizontal: ±70° or 140° total; Vertical: ±80° or 160° total; Vertical: ±80° or 160° total  Contrast Ratio (typical)  Power, brightness up, brightness down, volume up, volume down  Security Lockouts   | Cables and Accessories        | North American and European power cables included   |   |
| Other Features  Serviceable internal components; removable base with 100mm VESA mounting; threaded holes of bottom of base for mounting; Kensington security lock  Display Specifications  Display  15.0" diagonal, Active matrix TFT LCD (CCFL), 4 x 3 Useful Screen Area (W x H)  12.0" x 9.0" (304.0mm x 228.0mm)  Native (optimal) Resolution  1024 x 768  1280 x 1024  Colors  Brightness (typical)  LCD panel: 250 nits; AccuTouch: 200 nits; iTouch Plus: 225 nits  Response Time-total (typical)  Viewing Angle (typical)  Horizontal: ±70° or 140° total; Vertical: ±80° or 160° total; Vertical: ±80° or 160° total  Contrast Ratio (typical)  Power, brightness up, brightness down, volume up, volume down  Security Lockouts  | Power Supply                  | External 12VDC universal-type power supply brick; AC input voltage: 100-240VAC; Input frequency: 50-60Hz; max. output power: 150W (max. draw: 170W) |   |
| bottom of base for mounting; Kensington security lock  Display Specifications  Display 15.0" diagonal, Active matrix TFT LCD (CCFL), 4 x 3 17.0" diagonal, Active matrix TFT LCD (LED), 5 x 4 17.0" diagonal, Active matrix TFT LCD (LED), 5 x 5 17.0" diagonal, Active matrix TFT LCD (LED), 5 x 6 18.0" diagonal, active matrix TFT LCD (LED), 5 x 6 18.0" diagonal, acti | Agency Certification          | UL/cUL, FCC, TUV, CE, CB, Mexico COC, Argentina S-mark (power brick only), C-Tick, VCCI, CCC  |   |
| Display  15.0" diagonal, Active matrix TFT LCD (CCFL), 4 x 3  Useful Screen Area (W x H)  12.0" x 9.0" (304.0mm x 228.0mm)  Native (optimal) Resolution  1024 x 768  1280 x 1024  Colors  16.7 million  Brightness (typical)  Response Time-total (typical)  Viewing Angle (typical)  Horizontal: ±70° or 140° total; Vertical: 60°/65° or 125° total  Controls (bottom)  Power, brightness up, brightness down, volume up, volume down  Power and control buttons lock  | Other Features                | Serviceable internal components; removable base with 100mm VESA mounting; threaded holes on bottom of base for mounting; Kensington security lock   |   |
| Useful Screen Area (W x H)  12.0" x 9.0" (304.0mm x 228.0mm)  13.3" x 10.6" (338.0mm x 270.0mm)  Native (optimal) Resolution  1024 x 768  1280 x 1024  Colors  16.7 million  Brightness (typical)  LCD panel: 250 nits; AccuTouch: 200 nits; iTouch Plus: 225 nits  Response Time-total (typical)  Viewing Angle (typical)  Horizontal: ±70° or 140° total; Vertical: 60°/65° or 125° total  Contrast Ratio (typical)  700:1  Controls (bottom)  Power, brightness up, brightness down, volume up, volume down  Security Lockouts  | Display Specifications        |   |   |
| Native (optimal) Resolution  1024 x 768  10.7 million  Brightness (typical)  Response Time-total (typical)  Viewing Angle (typical)  Contrast Ratio (typical)  Controls (bottom)  Power, brightness up, brightness down, volume up, volume down  1280 x 1024  1280 x 1024 |                               | 15.0" diagonal, Active matrix TFT LCD (CCFL), $4 \times 3$  | 17.0" diagonal, Active matrix TFT LCD (LED), 5 x 4                                      |
| Colors  16.7 million  Brightness (typical)  LCD panel: 250 nits; AccuTouch: 200 nits; iTouch Plus: 225 nits  Response Time-total (typical)  Viewing Angle (typical)  Horizontal: ±70° or 140° total; Horizontal: ±80° or 160° total; Vertical: 60°/65° or 125° total  Contrast Ratio (typical)  700:1  Controls (bottom)  Power, brightness up, brightness down, volume up, volume down  Security Lockouts  16.7 million  5 ms  Horizontal: ±80° or 160° total; Vertical: ±80° or 160° total; Vertical: ±80° or 160° total   | Useful Screen Area (W x H)    | 12.0" x 9.0" (304.0mm x 228.0mm)  | 13.3" x 10.6" (338.0mm x 270.0mm)   |
| Brightness (typical)  Response Time-total (typical)  Viewing Angle (typical)  Horizontal: ±70° or 140° total; Vertical: 60°/65° or 125° total  Contrast Ratio (typical)  Power, brightness up, brightness down, volume up, volume down  Security Lockouts  LCD panel: 250 nits; AccuTouch: 200 nits; iTouch Plus: 225 nits  5 ms  Horizontal: ±80° or 160° total; Vertical: ±80° or 160° total; Vertical: ±80° or 160° total  1000:1   | Native (optimal) Resolution   | 1024 x 768  | 1280 x 1024   |
| Response Time-total (typical)  Viewing Angle (typical)  Horizontal: ±70° or 140° total; Vertical: 60°/65° or 125° total  Contrast Ratio (typical)  Controls (bottom)  Power, brightness up, brightness down, volume up, volume down  Security Lockouts  5 ms  Horizontal: ±80° or 160° total; Vertical: ±80° or 160° total  1000:1  1000:1   | Colors                        | 16.7 million  |   |
| Viewing Angle (typical)Horizontal: ±70° or 140° total;<br>Vertical: 60°/65° or 125° totalHorizontal: ±80° or 160° total;<br>Vertical: ±80° or 160° totalContrast Ratio (typical)700:11000:1Controls (bottom)Power, brightness up, brightness down, volume up, volume downSecurity LockoutsPower and control buttons lock   | Brightness (typical)          |   |   |
| Vertical: 60°/65° or 125° total  Contrast Ratio (typical)  Controls (bottom)  Power, brightness up, brightness down, volume up, volume down  Security Lockouts  Vertical: ±80° or 160° total  1000:1  1000:1  Power and control buttons lock   | Response Time-total (typical) | 8 ms  | 5 ms  |
| Controls (bottom) Power, brightness up, brightness down, volume up, volume down Security Lockouts Power and control buttons lock   | Viewing Angle (typical)       |   |   |
| Security Lockouts Power and control buttons lock   | Contrast Ratio (typical)      | 700:1   | 1000:1  |
| Security Lockouts Power and control buttons lock   | Controls (bottom)             |   |   |
|  | Security Lockouts             | Power and control buttons lock  |   |
| Available Touch Technologies AccuTouch ("no-bezel" resistive); iTouch Plus (zero-bezel multi-touch surface acoustic wave)  | Available Touch Technologies  | AccuTouch ("no-bezel" resistive); iTouch Plus (zero-bezel multi-touch surface acoustic wave)  |   |

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