

Planar

Your Best Source for Touch Screens



NEW!

22" Wide - PT2275SW
SAW Touchscreen!

15" - PA1575R
All-In-One Touchscreen
Computer for POS Applications!

TECHNOLOGY COMPARISONS

FEATURES			
TOUCH TECHNOLOGY	CLARITY	INPUT	DURABILITY
SAW	Best	Finger, Gloved Hand, Soft-Tipped Stylus	High
CAPACITIVE	Best	Requires Human Touch	High
RESISTIVE	Good	Finger, Gloved Hand, Stylus, Credit Card	Average

TARGET VERTICALS

MARKET	SAW				RESISTIVE									CAPACITIVE						
	PT1505MU	PT1775S	PT1975S	PT2275SW	PA1575R	PT1510MX	PT1545R	PT1710MX	PT1745R	PT1945R	PT1500MX	PT1550MX	PT1700MX	PT1975R	PT1501MU	PT1501MX	PT1701MU	PT1701MX	PT1911MU	PT1911MX
RETAIL/POS	X	X	X	X	X	X	X	X	X		X	X						X	X	X
HEALTHCARE	X	X	X	X	X			X	X	X	X		X	X		X	X	X	X	X
HOSPITALITY	X	X		X	X			X	X	X	X	X		X		X	X	X	X	
ENTERTAINMENT			X	X									X				X		X	X
FACTORY/ INDUSTRIAL		X	X			X	X	X	X	X		X	X	X	X			X		
GOVERNMENT/ EDUCATION		X	X			X	X						X		X		X			X

Touch Screen LCDs - Economical



SPECIFICATIONS	PT1545R - 15" Touch	PT1745R - 17" Touch	PT1945R - 19" Touch
Planar Part Number	● PT1545R-BK 997-5967-00	● PT1745R-BK 997-5969-00	● PT1945R-BK 997-5971-00
Touch Screen Type	5-wire Resistive	5-wire Resistive	5-wire Resistive
Market/Application	Retail/POS: Check-out registers; Digital photo kiosks Factory/Industrial: Food processing Gov/Ed: Workstations	Retail/POS: Digital photo kiosks Healthcare: Nurses workstations (patient records) Hospitality: Corporate call center/reservations Factory/Industrial: Factory equipment control	Healthcare: Prescription automation Hospitality: Corporate call center/reservations Factory/Industrial: Automated equipment control
Touch Screen Interface	Dual Serial/USB	Dual Serial/USB	Dual Serial/USB
Brightness (w/touch screen)	200 cd/m ²	200 cd/m ²	200 cd/m ²
Brightness (w/o touch screen)	250 cd/m ²	250 cd/m ²	250 cd/m ²
Driver Compatibility	Windows® VISTA, XP, 2000, ME, 98, NT 4.0, CE, XP Embedded, Apple® Mac OS, Linux, HID Compliant - no drivers needed for basic touch screen operation	Windows® VISTA, XP, 2000, ME, 98, NT 4.0, CE, XP Embedded, Apple® Mac OS, Linux, HID Compliant - no drivers needed for basic touch screen operation	Windows® VISTA, XP, 2000, ME, 98, NT 4.0, CE, XP Embedded, Apple® Mac OS, Linux, HID Compliant - no drivers needed for basic touch screen operation
Contrast Ratio (typical)	500:1	1000:1	1000:1
Response Time (typical)	8 ms (2 ms rise, 6 ms fall)	5 ms	5 ms (3.6 ms rise, 1.4 ms fall)
Viewing Angle	140° H, 125° V	170° H, 160° V	160° H, V
Input Options	Analog	Analog	Analog
Power Supply	Internal	Internal	Internal
Power Requirements	100 - 240 VAC, 50/60Hz	100 - 240 VAC, 50/60Hz	100 - 240 VAC, 50/60Hz
Power Consumption (operational)	22W (4W standby)	28W (4W standby)	28W (4W standby)
External Connections	D-sub 15-pin D-sub 9-pin Stereo jack - 3 mm Type B socket USB	D-sub 15-pin D-sub 9-pin Stereo jack - 3 mm Type B socket US	D-sub 15-pin D-sub 9-pin Stereo jack - 3 mm Type B socket US
Audio - Built-in Speakers	Yes, 1W/ch	Yes, 1W/ch	Yes, 1W/ch
Tilt Range	-	-	-
Display Active Area (WxH)	15" diagonal (11.97" x 8.98")	17" diagonal (13.3" x 10.64")	19" diagonal (14.81" x 11.85")
Native Resolution	1024 x 768	1280 x 1064	1280 x 1064
Dimensions (w/stand) (WxHxD)	13.8" x 12.0" x 8.0" (350.80 mm x 305.50 mm x 202.00 mm)	15.2" x 13.5" x 8.0" (386.80 mm x 341.85 mm x 202.00 mm)	17.0" x 15.4" x 8.6" (431.00 mm x 391.00 mm x 218.00 mm)
Dimensions (w/o stand) (WxHxD)	-	-	-
Weight (w/stand)	9.0 lbs. (4.10 kg) (net)	12.6 lbs. (5.70 kg) (net)	15.1 lbs. (6.83 kg) (net)
Weight (w/o stand)	-	-	-
Approvals	UL/cUL, FCC-B, TUV, CE, RoHS	UL/cUL, FCC-B, TUV, CE, RoHS	UL/cUL, FCC-B, TUV, CE, RoHS
Warranty	3-Year	3-Year	3-Year
VESA Compatible/Location	Built-in 100 mm VESA, back	Built-in 100 mm VESA, back	Built-in 100 mm VESA, back

SPECIFICATIONS	PT1510MX - 15" Touch	PT1710MX - 17" Touch
Planar Part Number	● PT1510MX-BK 997-3198-00 ● PT1510MX-WH 997-3394-00	● PT1710MX-BK 997-3349-00 ● PT1710MX-WH 997-3351-00
Touch Screen Type	5-wire Resistive	5-wire Resistive
Market/Application	Retail/POS: Check-out registers; Digital photo kiosks Factory/Industrial: Food processing Gov/Ed: Workstations	Retail/POS: Digital photo kiosks Healthcare: Nurses workstations (patient records) Hospitality: Corporate call center/reservations Factory/Industrial: Factory equipment control
Touch Screen Interface	Dual Serial/USB	Dual Serial/USB
Brightness (w/touch screen)	190 cd/m ²	228 cd/m ²
Brightness (w/o touch screen)	250 cd/m ²	300 cd/m ²
Driver Compatibility	Windows® VISTA, XP, 2000, ME, 98, NT 4.0, CE, XP Embedded, Apple® Mac OS, Linux, HID Compliant - no drivers needed for basic touch screen operation	Windows® VISTA, XP, 2000, ME, 98, NT 4.0, CE, XP Embedded, Apple® Mac OS, Linux, HID Compliant - no drivers needed for basic touch screen operation
Contrast Ratio (typical)	500:1	800:1
Response Time (typical)	8 ms	5 ms (3.5 ms rise, 1.5 ms fall)
Viewing Angle	140° H, 125° V	170° H, V
Input Options	Analog	Analog
Power Supply	External	External
Power Requirements	100 - 240 VAC, 50/60Hz	100 - 240 VAC, 50/60Hz
Power Consumption (operational)	30W (3W standby)	40W (2W standby)
External Connections	D-sub 15-pin D-sub 9-pin 1/8" audio jack Type B socket USB DC power-in barrel connector	D-sub 15-pin D-sub 9-pin 1/8" audio jack Type B socket USB DC power-in barrel connector
Audio - Built-in Speakers	Yes, 1W/ch	Yes, 1W/ch
Tilt Range	-3 to +25°	-3 to +25°
Display Active Area (WxH)	15" diagonal (11.97" x 8.98")	17" diagonal (13.30" x 10.64")
Native Resolution	1024 x 768	1280 x 1024
Dimensions (w/stand) (WxHxD)	15.1" x 15.1" x 7.1" (383.5 mm x 383.5 mm x 180.3 mm)	16.3" x 16.2" x 8.3" (414 mm x 411.5 mm x 210.8 mm)
Dimensions (w/o stand) (WxHxD)	15.1" x 12.3" x 2.2" (383.5 mm x 312.4 mm x 55.9 mm)	16.3" x 14.2" x 2.5" (414 mm x 360.7 mm x 63.5 mm)
Weight (w/stand)	10.4 lbs. (4.7 kg) (net) 14.9 lbs. (6.8 kg) (shipping)	14.7 lbs. (6.7 kg) (net) 20.2 lbs. (9.2 kg) (shipping)
Weight (w/o stand)	7.9 lbs. (4.7 kg)	11.1 lbs. (5 kg)
Approvals	UL/cUL, FCC-B, CE, TUV, RoHS	UL/cUL, FCC-B, CE, TUV, RoHS
Warranty	3-Year	3-Year
VESA Compatible/Location	Built-in 75 mm VESA, back	Built-in 100 mm VESA, back

Touch Screen LCDs - SAW



SPECIFICATIONS	PT1505MU - 15" Touch	PT1775S - 17" Touch	PT1975S - 19" Touch
Planar Part Number	● PT1505MU-BK 997-4408-00	● PT1775S-BK 997-3408-00	● PT1975S-BK 997-3410-00
Touch Screen Type	SAW (Surface Acoustic Wave)	SAW (Surface Acoustic Wave)	SAW (Surface Acoustic Wave)
Market/Application	Retail/POS: Check-out registers; Digital photo kiosks Healthcare: Patient self check-in Hospitality: Self check-in	Retail/POS: Digital photo kiosks Healthcare: POI/Directories Hospitality: Self check-in Factory/Industrial: Food processing Gov/Ed: Court buildings	Retail/POS: Self-services check-out stations; In-store interactive signage; Customer/gift registration kiosks Healthcare: POI/ Directories; Interactive signage Entertainment: Movie theaters Gov/Ed: Workstations; POI kiosks
Touch Screen Interface	USB	Dual Serial/USB	Dual Serial/USB
Brightness (w/touchscreen)	225 cd/m ²	270 cd/m ²	270 cd/m ²
Brightness (w/o touchscreen)	250 cd/m ²	300 cd/m ²	300 cd/m ²
Driver Compatibility	Windows® VISTA, XP, 2000, 98, XP Embedded	Windows® VISTA, XP, 2000, ME, 98, NT 4.0, CE, XP Embedded, Apple® Mac OS, Linux, HID Compliant - no drivers needed for basic touch screen operation	Windows® VISTA, XP, 2000, ME, 98, NT 4.0, CE, XP Embedded, Apple® Mac OS, Linux, HID Compliant - no drivers needed for basic touch screen operation
Contrast Ratio (typical)	500:1	800:1	800:1
Response Time (typical)	8 ms (2 ms rise, 6 ms fall)	5 ms (3.6 ms rise, 1.4 ms fall)	5 ms (3.6 ms rise, 1.4 ms fall)
Viewing Angle	140° H, 125° V (+65/-60)	170° H, 160° V	160° H, V
Input Options	Analog	Analog	Analog, DVI-D
Power Supply	Internal, 12V DC power connector (Optional DC power supply may be sourced separately)	Internal, 12V DC power connector (Optional DC power supply may be sourced separately)	Internal, 12V DC power connector (Optional DC power supply may be sourced separately)
Power Requirements	100 - 240 VAC, 50/60 Hz	100 - 240 VAC, 50/60 Hz	100 - 240 VAC, 50/60 Hz
Power Consumption	30W	50W	50W
External Connections	D-sub 15-pin DC power connector Type B socket USB Stereo jack - 3 mm	D-sub 15-pin D-sub 9-pin DC power connector Type B socket USB Stereo jack - 3 mm	D-sub 15-pin D-sub 9-pin DVI-D DC power connector Type B socket USB Stereo jack - 3 mm
Audio - Built-in Speakers	Yes, 1W/ch	Yes, 1W/ch	Yes, 1W/ch
Tilt Range	-5 to 90°	-5 to 90°	-5 to 90°
Display Active Area (WxH)	15" diagonal (11.97" x 8.98")	17" diagonal (13.30" x 10.64")	19" diagonal (14.81" x 11.85")
Native Resolution	1024 x 768	1280 x 1024	1280 x 1024
Dimensions (w/stand) (WxHxD)	14.3" x 12.6" x 8.1" (364 mm x 321.4 mm x 206.1 mm)	15.8" x 14.6" x 8.9" (400 mm x 370.7 mm x 225 mm)	17.2" x 16.0" x 10.5" (438 mm x 405.5 mm x 266.2 mm)
Dimensions (w/o stand) (WxHxD)	14.3" x 11.6" x 2.4" (364 mm x 294.6 mm x 61.5 mm)	15.8" x 13.3" x 2.7" (400 mm x 337.8 mm x 68.6 mm)	17.2" x 14.6" x 2.7" (438 mm x 370.8 mm x 68.6 mm)
Weight (w/stand)	12.5 lbs. (5.7 kg) (net) 16.9 lbs. (7.7 kg) (shipping)	17.2 lbs. (7.8 kg) (net) 22.5 lbs. (10.2 kg) (shipping)	19.6 lbs. (8.9 kg) (net) 25.8 lbs. (11.7 kg) (shipping)
Weight (w/o stand)	9.5 lbs. (4.3 kg)	13.6 lbs. (6.2 kg)	14.1 lbs. (6.4 kg)
Approvals	UL/cUL, FCC-B, TUV-T, CE, RoHS	UL/cUL, FCC-B, TUV-T, CE, RoHS	UL/cUL, FCC-B, TUV-T, CE, RoHS
Warranty	3-Year	3-Year	3-Year
VESA Compatible/Location	Built-in 75 mm VESA, back	Built-in 75/100 mm VESA, back	Built-in 75/100 mm VESA, back

SPECIFICATIONS	PT2275SW - 22" WIDE Touch
Planar Part Number	● PT2275SW-BK 997-5975-00
Touch Screen Type	SAW (Surface Acoustic Wave)
Market/Application	Retail/POS: In-store interactive signage Healthcare: POI/ Directories, Interactive signage Entertainment: Interactive signage
Touch Screen Interface	Dual Serial/ USB
Brightness (w/touchscreen)	270 cd/m ²
Brightness (w/o touchscreen)	300 cd/m ²
Driver Compatibility	Windows® VISTA, XP, 2000, ME, 98, NT 4.0, CE, XP Embedded, Linux, HID Compliant - no drivers needed for basic touch screen operation
Contrast Ratio (typical)	1000:1
Response Time (typical)	5 ms
Viewing Angle	170° H, 160° V
Input Options	Analog, DVI-D
Power Supply	Internal
Power Requirements	100 - 240 VAC, 50/60 Hz
Power Consumption	60W (4W standby)
External Connections	D-sub 15-pin D-sub 9-pin DVI-D DC power connector Type B socket USB Stereo jack - 3 mm
Audio - Built-in Speakers	Yes, 2, 2W/ch
Tilt Range	-5 to 90°
Display Active Area (WxH)	21.5" diagonal (18.77" x 10.56")
Native Resolution	1920 x 1080 (16:9 aspect ratio)
Dimensions (w/stand) (WxHxD)	21.2" x 15.0" x 11.2" (538 mm x 380 mm x 285 mm)
Dimensions (w/o stand) (WxHxD)	-
Weight (w/stand)	23.1 lbs. (10.5 kg) (net)
Weight (w/o stand)	-
Approvals	UL/cUL, FCC-B, TUV, CE, RoHS
Warranty	3-Year
VESA Compatible/Location	Built-in 100 mm VESA, back

All-In-One Touch Screen Computer



Product HIGHLIGHTS

- 3-Year Warranty
- 15" small, sleek industrial design for space-constrained POS environments
- Intel Celeron® processor – Fanless!
- Microsoft Windows® XP Pro or WePOS O/S
- Available ports: 1 x RJ45 (10/100/1000), 3 x external USB 2.0, RJ11 for cash drawer, VGA port for second display
- Resistive touchscreen
- Recognizes touch input from a finger, gloved hand, credit card, pen or stylus
- Sturdy deskstand – -5 to 90° tilt range



SPECIFICATIONS	PA1575R All-in-One Resistive Touch Screen Computer for POS
Planar Part Number	<ul style="list-style-type: none"> ● PA1575RXP (w/XP O/S) 997-5981-00 ● PA1575RWP (w/WePOS O/S) 997-5982-00
Market/Application	Retail/POS: Check-out registers; Self-service check-out stations Healthcare: Patient self check-in Hospitality: Corporate call center/reservations
CPU	Intel® Celeron M 1 GHz, FSB 400 MHz
Available Operating Systems	Windows® XP, WePOS
Chipset	910 GMLE/ ICH6M
BIOS	Award BIOS support ACPI function
VGA Port	Integrated VGA, Intel 910 GMLE/ 915 GME Built-in; Supports dual display and DVMT 3.0 for memory allocation
Memory	1GB DDR II SO DIMM
LAN	RJ45 (10/100/1000)
USB	3 external ports, USB 2.0
Storage	HDD: 2.5" Slim HDD SATA I Controller 5400rpm, 80GB; CF: Bootable CF slot for storage (optional)
External Connections	(1) Mini-DIN for PS/2 keyboard (default) and Mouse; (1) DB9 for COM1 (Built-in COM2, 3, 4 9p header w/standard RS-232); (1) DB15 for VGA monitor; (1) Dual USB connector for USB 1, 2; (1) 12V powered USB connector for USB 3; (1) Single USB connector for USB 4; (1) RJ11 for cash drawer; (1) RJ45 for LAN (w/LED); (1) Earphone jack; (1) Microphone jack; (1) 12V power DIN jack.
Audio - Built-in Speakers	Yes, 2 Speakers, 1W/ch
Touch Screen Type	5-wire Resistive
Touch Screen Interface	Dual Serial/USB
Brightness (w/touch screen)	250 cd/m ² (typical)
Brightness (w/o touch screen)	200 cd/m ² (typical)
Contrast Ratio (typical)	500:1
Response Time (typical)	8 ms (2 ms rise, 6 ms fall)
Viewing Angle	140° H, 125° V
Input Options	Analog
Power Supply	External
Power Requirements	12V DC @ 8A
Power Consumption	40W
Tilt Range	-5 to +90°
Display Active Area (WxH)	15" diagonal (11.97" x 8.98")
Native Resolution	1024 x 768
Dimensions (w/stand)	14.3" x 12.7" x 8.1" (364 mm x 321.9 mm x 206.1 mm)
Weight (w/stand)	13.2 lbs. (6.0 kg)/ 19.4 lbs (8.8 kg) (shipping)
Approvals	UL/cUL, FCC-B, TUV, CE, RoHS
Warranty	3-Year
VESA Compatible/Location	Built-in 75 mm VESA, back

Touch Screen LCDs - Resistive



SPECIFICATIONS	PT1500MX - 15" Touch	PT1550MX - 15" Touch	PT1700MX - 17" Touch	PT1975R - 19" Touch
Planar Part Number	● PT1500MX-BK 997-3981-00	● PT1550MX-BK 997-5593-00	● PT1700MX-BK 997-4158-00	● PT1975R-BK 997-5973-00
Touch Screen Type	5-wire Resistive	5-wire Resistive	5-wire Resistive	5-wire Resistive
Market/Application	Retail/POS: Check-out registers; Self-service check-out stations Healthcare: Patient self check-in Hospitality: Corporate call center/reservations	Retail/POS: Check-out registers; Self-service check-out stations Hospitality: Restaurant/Bar POS Gov/Ed: Self-serve check-out	Healthcare: Testing equipment in laboratories Entertainment: Simulation/training Factory/Industrial: Food processing Gov/Ed: Workstations	Healthcare: Prescription automation Hospitality: Corporate call center/ reservations Factory/Industrial: Automated equipment control
Touch Screen Interface	Dual Serial/USB	Dual Serial/USB	Dual Serial/USB	Dual Serial/USB
Brightness (w/touch screen) (typical)	200 cd/m ²	200 cd/m ²	240 cd/m ²	240 cd/m ²
Brightness (w/o touch screen) (typical)	250 cd/m ²	250 cd/m ²	300 cd/m ²	300 cd/m ²
Driver Compatibility	Windows® VISTA, XP, 2000, ME, 98, NT 4.0, CE, XP Embedded, Apple® Mac OS, Linux, HID Compliant - no drivers needed for basic touch screen operation	Windows® VISTA, XP, 2000, ME, 98, NT 4.0, CE, XP Embedded, Apple® Mac OS, Linux, HID Compliant - no drivers needed for basic touch screen operation	Windows® VISTA, XP, 2000, ME, 98, NT 4.0, CE, XP Embedded, Apple® Mac OS, Linux, HID Compliant - no drivers needed for basic touch screen operation	Windows® VISTA, XP, 2000, ME, 98, NT 4.0, CE, XP Embedded, Apple® Mac OS, Linux, HID Compliant - no drivers needed for basic touch screen operation
Contrast Ratio (typical)	500:1	500:1	800:1	800:1
Response Time (typical)	8 ms (2 ms rise, 6 ms fall)	8 ms (2 ms rise, 6 ms fall)	5 ms (3.6 ms rise, 1.4 ms fall)	5 ms (3.6 ms rise, 1.4 ms fall)
Viewing Angle	140° H, 125° V (+65/-60)	140° H, 125° V (+65/-60)	170° H, 160° V	160° H, V
Input Options	Analog	Analog	Analog	Analog, DVI-D
Power Supply	Internal, 12V DC power connector (Optional DC power supply may be sourced separately)	Internal, 12V DC power connector (Optional DC power supply may be sourced separately)	Internal, 12V DC power connector (Optional DC power supply may be sourced separately)	Internal, 12V DC power connector (Optional DC power supply may be sourced separately)
Power Requirements	100 - 240 VAC, 50/60 Hz	100 - 240 VAC, 50/60 Hz	100 - 240 VAC, 50/60 Hz	100 - 240 VAC, 50/60 Hz
Power Consumption (operational)	30W	30W	50W	50W
External Connections	D-sub 15-pin DC power connector Type B socket USB Stereo jack - 3 mm D-sub 9-pin	D-sub 15-pin DC power connector Type B socket USB Stereo jack - 3 mm D-sub 9-pin	D-sub 15-pin DC power connector Type B socket USB Stereo jack - 3 mm D-sub 9-pin	D-sub 15-pin DVI-D DC power connector Stereo jack - 3 mm Type B socket USB D-sub 9-pin
Audio - Built-in Speakers	Yes, 2 Speakers, 1W/ch	Yes, 1W/ch	Yes, 2 speakers, 1W/ch	Yes, 1W/ch
Tilt Range	-5 to +90°	-5 to 90°	-5 to +90°	-5 to 90°
Display Active Area (WxH)	15" diagonal (11.97" x 8.98")	15" diagonal (11.97" x 8.98")	17" diagonal (13.30" x 10.64")	19" diagonal (14.81" x 11.85")
Native Resolution	1024 x 768	1024 x 768	1280 x 1024	1280 x 1024
Dimensions (w/stand) (WxHxD)	14.3" x 12.6" x 8.1" (364 mm x 320.4 mm x 205.4 mm)	16" x 12.6" x 8.1" (406.4 mm x 321.4 mm x 206.1 mm)	15.8" x 14.6" x 8.9" (400 mm x 370.7 mm x 225 mm)	17.2" x 16.0" x 10.5" (438 mm x 405.5 mm x 266.2 mm)
Dimensions (w/o stand) (WxHxD)	14.3" x 11.6" x 2.4" (364 mm x 295 mm x 61.5 mm)	16" x 11.6" x 2.4" (406.4 mm x 294.6 mm x 61.5 mm)	15.8" x 13.3" x 2.7" (400.0 mm x 338.0 mm x 225.0 mm)	17.2" x 14.6" x 2.7" (438 mm x 370.8 mm x 68.6 mm)
Weight (w/stand)	13.0 lbs. (5.9 kg) 17.4 lbs (7.9 kg) (shipping)	13.4 lbs. (6.1 kg) (net) 17.4 lbs. (7.9 kg) (shipping)	17.2 lbs. (7.8 kg) 22.5 lbs. (10.2 kg) (shipping)	19.6 lbs (8.9 kg) (net) 25.8 lbs. (11.7 kg) (shipping)
Weight (w/o stand)	9.5 lbs. (4.3 kg)	9.9 lbs (4.5 kg)	13.6 lbs. (6.2 kg)	14.1 lbs. (6.4 kg)
Approvals	UL/cUL, FCC-B, TUV-T, CE, RoHS	UL/cUL, FCC-B, TUV-T, CE, RoHS	UL/cUL, FCC-B, TUV-T, CE, RoHS	UL/cUL, FCC-B, TUV-T, CE, RoHS
Warranty	3-Year	3-Year	3-Year	3-Year
VESA Compatible/Location	Built-in 75 mm VESA, back	Built-in 75 mm VESA, back	Built-in 75/100 mm VESA, back	Built-in 75/100 mm VESA, back

*Specified at CR≥5:1. All other LCDs specified at CR≥10:1.

Touch Screen LCDs - Capacitive



SPECIFICATIONS	PT1501MU - 15" Touch	PT1501MX - 15" Touch	PT1701MU - 17" Touch	PT1701MX - 17" Touch	PT191MU - 19" Touch	PT1911MX - 19" Touch
Planar Part Number	● PT1501MU-BK 997-2947-00	● PT1501MX-BK 997-3983-00	● PT1701MU-BK 997-2959-00	● PT1701MX-BK 997-4160-00	● PT191MU-BK 997-2687-00 ● PT191MU-WH 997-2688-00	● PT1911MX-BK 997-3987-00
Touch Screen Type	3M [®] Capacitive	Capacitive	3M [®] Capacitive	Capacitive	3M [®] Capacitive	Capacitive
Market/Application	Factory/Industrial: Electronic inventory Gov/Ed: Self-serve kiosks; Voting booths; self-serve check-out	Healthcare: Patient self check-in; Pharmacy customer check-in/signage Hospitality: Self check-in; Corporate call center/reservations	Healthcare: Pharmacy customer check-in/signage Hospitality: Lobby POI/kiosks Entertainment: Gaming kiosks Gov/Ed: Self-serve kiosks	Retail/POS: Self-service check-out stations Healthcare: Patient self check-in Hospitality: Self check-in Factory/Industrial: Electronic inventory	Retail/POS: In-store interactive signage; Customer/gift registration kiosks Healthcare: Interactive signage (education console) Hospitality: Lobby POI/kiosks Entertainment: Bars (table-top games)	Retail/POS: In-store interactive signage; Customer/gift registration kiosks Healthcare: Prescription automation Entertainment: Casinos
Touch Screen Interface	USB	Dual Serial/USB	USB	Dual Serial/USB	USB	Dual Serial/USB
Brightness (w/touch screen)	320 cd/m ²	210 cd/m ²	275 cd/m ²	250 cd/m ²	275 cd/m ²	250 cd/m ²
Brightness (w/o touch screen)	350 cd/m ²	250 cd/m ²	300 cd/m ²	300 cd/m ²	300 cd/m ²	300 cd/m ²
Driver Compatibility	Windows [®] Vista, XP, 2000, 98, Server 2003, XP Embedded	Windows [®] Vista, XP, 2000, ME, 98, CE, XP Embedded, Linux, Apple [®] Mac OS, HiD Compliant - no drivers needed for basic touch screen operation	Windows [®] Vista, XP, 2000, 98, Server 2003, XP Embedded	Windows [®] Vista, XP, 2000, ME, 98, CE, XP Embedded, Linux, Apple [®] Mac OS, HiD Compliant - no drivers needed for basic touch screen operation	Windows [®] Vista, XP, 2000, 98, Server 2003, XP Embedded	Windows [®] Vista, XP, 2000, ME, 98, CE, XP Embedded, Linux, Apple [®] Mac OS, HiD Compliant - no drivers needed for basic touch screen operation
Contrast Ratio (typical)	400:1	500:1	800:1	800:1	1000:1	800:1
Response Time (typical)	16 ms (4 ms rise, 12 ms fall)	8 ms (2 ms rise, 6 ms fall)	5 ms (3.5 ms rise, 1.5 ms fall)	5 ms (3.6 ms rise, 1.4 ms fall)	5 ms (1.3 ms rise, 3.7 ms fall)	5 ms (3.6 ms rise, 1.4 ms fall)
Viewing Angle	150° H, 125° V (+50/-75)*	140° H, 125° V (+65/-60)	170° H, V	170° H, 160° V	178° H, V*	160° H, V
Input Options	Analog	Analog	Analog	Analog	Analog, DVI-D	Analog, DVI-D
Power Supply	External	Internal, 12V DC power connector (Optional DC power supply may be sourced separately)	External	Internal, 12V DC power connector (Optional DC power supply may be sourced separately)	External	Internal, 12V DC power connector (Optional DC power supply may be sourced separately)
Power Requirements	100 - 240 VAC, 50/60 Hz	100 - 240 VAC, 50/60 Hz	100 - 240 VAC, 50/60 Hz	100 - 240 VAC, 50/60 Hz	100 - 240 VAC, 50/60 Hz	100 - 240 VAC, 50/60 Hz
Power Consumption (operational)	30W (3W standby)	30W	40W (3W standby)	50W	60W (5W standby)	55W
External Connections	D-sub 15-pin 1/8" audio jack Type B socket USB	D-sub 15-pin DC power connector Type B socket USB Stereo jack - 3 mm D-sub 9-pin	D-sub 15-pin 1/8" audio jack Type B socket USB Stereo jack - 3 mm	D-sub 15-pin DC power connector Type B socket USB Stereo jack - 3 mm D-sub 9-pin	D-sub 15-pin 1/8" audio jack Type B socket USB USB 2+1 hub DVI-D	D-sub 15-pin DC power connector Type B socket USB Stereo jack - 3 mm DVI-D D-sub 9-pin
Audio - Built-in Speakers	Yes, 1W/ch	Yes, 1W/ch	Yes, 1W/ch	Yes, 1W/ch	Yes, 1W/ch	Yes, 1W/ch
Tilt Range	-5 to +25°	-5 to +90°	-3 to +25°	-5 to +90°	-5° to +45°	-5 to +90°
Display Active Area (WxH)	15" diagonal (11.97" x 8.98")	15" diagonal (11.97" x 8.98")	17" diagonal (13.30" x 10.64")	17" diagonal (13.30" x 10.64")	19" diagonal (14.81" x 11.85")	19" diagonal (14.81" x 11.85")
Native Resolution	1024 x 768	1024 x 768	1280 x 1024	1280 x 1024	1280 x 1024	1280 x 1024
Dimensions (w/stand) (WxHxD)	15.9" x 15.3" x 7.5" (403.9 mm x 388.6 mm x 190.5 mm)	14.3" x 12.6" x 8.1" (364.0 mm x 320.4 mm x 205.4 mm)	16.3" x 16.1" x 8.3" (414 mm x 408.9 mm x 210.8 mm)	15.8" x 14.6" x 8.9" (400.0 mm x 370.7 mm x 225.0 mm)	17.4" x 17.2" x 9" (442 mm x 436.9 mm x 228.6 mm)	17.2" x 16.0" x 10.5" (438.0 mm x 405.5 mm x 266.2 mm)
Dimensions (w/o stand) (WxHxD)	15.9" x 12.3" x 2.2" (403.9 mm x 312.4 mm x 55.9 mm)	14.3" x 11.6" x 2.4" (364.0 mm x 295.0 mm x 61.5 mm)	16.3" x 14.1" x 2.5" (414 mm x 358.1 mm x 63.5 mm)	15.8" x 13.3" x 2.7" (400.0 mm x 338.0 mm x 225.0 mm)	17.4" x 15" x 2.7" (442 mm x 381 mm x 68.6 mm)	17.2" x 14.6" x 2.7" (438.0 mm x 370.0 mm x 67.9 mm)
Weight (w/stand)	11.4 lbs. (5.2 kg) (net) 16.4 lbs. (7.4 kg) (shipping)	13.0 lbs. (5.9 kg) (net) 17.4 lbs. (7.9 kg) (shipping)	14.7 lbs. (6.7 kg) (net) 20.2 lbs. (9.2 kg) (shipping)	17.2 lbs. (7.8 kg) (net) 22.5 lbs. (10.2 kg) (shipping)	21 lbs. (9.5 kg) (net) 28.6 lbs. (13 kg) (shipping)	19.6 lbs. (8.9 kg) (net) 25.8 lbs. (11.73 kg) (shipping)
Weight (w/o stand)	8.9 lbs. (4 kg)	9.5 lbs. (4.3 kg)	11.9 lbs. (5.4 kg)	13.6 lbs. (5.9 kg)	14.7 lbs. (6.7 kg)	14.1 lbs. (6.4 kg)
Approvals	UL/cUL, FCC-B, CE, TUV, RoHS	UL/cUL, FCC-B, TUV-T, CE, RoHS	UL/cUL, FCC-B, CE, TUV, RoHS	UL/cUL, FCC-B, TUV-T, CE, RoHS	UL/cUL, FCC-B, CE, TUV, RoHS	UL/cUL, FCC-B, TUV-T, CE, RoHS
Warranty	3-Year	3-Year	3-Year	3-Year	3-Year	3-Year
VESA Compatible/Location	Built-in 75 mm VESA, back	Built-in 75 mm VESA, back	Built-in 100 mm VESA, back	Built-in 75/100 mm VESA, back	100 mm VESA, back	Built-in 75/100 mm VESA, back

*Specified at CR≥5:1. All other LCDs specified at CR≥10:1.

AMLCD Open-Frame Monitors - Touch



SPECIFICATIONS	LA 1500RTR - 15" Resistive	LA1710RTR - 17" Resistive
Planar Part Number	LA1500RTR 997-3468-01LF	LA1710RTR 997-3504-01LF
Touch Screen Type	5-wire Resistive	5-wire Resistive
Touch Screen Interface	USB	USB
Brightness (w/touch screen)	195 cd/m ²	255 cd/m ²
Brightness (w/o touch screen)	250 cd/m ²	300 cd/m ²
Contrast Ratio (typical)	400:1	800:1
Response Time (typical)	16 ms (4 ms rise, 12 ms fall)	5 ms (3.5 ms rise, 1.5 ms fall)
Horizontal Scan	31.5 - 60 KHz	31.5 - 80 KHz
Viewing Angle (typical)	120° H, 100° V (+40/-60)*	160° H, V
Pixel Pitch	0.297 mm	0.264 mm
Refresh Rate	56-75 Hz	56-75 Hz
Input Options	Analog	Analog, DVI-D
Power Supply	External Module with IEC 320 Connector, USA, Cord-set, UL1950 certified.	External Module with IEC 320 Connector, USA, Cord-set, UL1950 certified.
Power Requirements	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz
Power Consumption (operational)	30W (3W standby)	40W (3W standby)
External Connections	D-sub, 15-pin Type B socket USB D-sub 9-pin RS232	D-sub, 15-pin, DVI-D Type B socket USB
Features	Anti-glare coating Multi-language support On screen display (OSD)	Anti-glare coating Multi-language support On screen display (OSD)
Display Active Area	15" diagonal (304 mm x 228 mm)	17" diagonal (338 mm x 270 mm)
Native Resolution	XGA (1024 x 768) native. Supports IBM VGA; VESA VGA, SVGA, XGA	SXGA (1280 x 1024) native. Supports IBM VGA; VESA VGA, SVGA, XGA, SXGA
Dimensions (WxHxD)	14.2" x 10.6" x 1.9" (360 mm x 270 mm x 47 mm)	14.6" x 11.8" x 1.8" (371 mm x 299 mm x 46 mm)
Weight (display & brackets)	9.2 lbs (4.2 kg)	11.2 lbs (5.1 kg)
Approvals	FCC-B, CE, TUV, RoHS	FCC-B, CE, TUV, RoHS
Operating Temperature	0° to 40° C	0° to 40° C
Service and Support/ Warranty	1-Year	1-Year
Extended Warranty Package	990-0068-00	990-0068-00
Mounting Options	Adjustable rear panel mounting brackets included. VESA 75 mm compatible.	Adjustable rear panel mounting brackets included. VESA 75 mm compatible.

LA1500RTC - 15" Capacitive	LA1710RTC - 17" Capacitive	LA1910RTC - 19" Capacitive
LA1500RTC 997-2930-00LF	LA1710RTC 997-2931-01LF	LA1910RTC 997-2811-00LF
3M [®] Capacitive	3M [®] Capacitive	3M [®] Capacitive
USB	USB	USB
308 cd/m ²	264 cd/m ²	275 cd/m ²
350 cd/m ²	300 cd/m ²	300 cd/m ²
400:1	800:1	1000:1
16 ms (4 ms rise, 12 ms fall)	5 ms (3.5 ms rise, 1.5 ms fall)	5 ms (1.3 ms rise, 3.7 ms fall)
31.5 - 60 KHz	31.5 - 80 KHz	31.5 - 80 KHz
150° H, 125° V (+50/-75)*	160° H, V	170° H, V
0.297 mm	0.264 mm	0.294 mm
56-75 Hz	56-75 Hz	56-75 Hz
Analog	Analog, DVI-D	Analog, DVI-D
External Module with IEC 320 Connector, USA, Cord-set, UL1950 certified.	External Module with IEC 320 Connector, USA, Cord-set, UL1950 certified	External Module with IEC 320 Connector, USA, Cord-set, UL1950 certified
100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz
30W (3W standby)	40W (3W standby)	60W (5W standby)
D-sub, 15-pin Type B socket USB	D-sub, 15-pin, DVI-D Type B socket USB	D-sub, 15-pin, DVI-D USB (touch screen option)
Anti-glare coating Multi-language support On screen display (OSD)	Anti-glare coating Multi-language support On screen display (OSD)	Anti-glare coating Multi-language support On screen display (OSD)
15" diagonal (304 mm x 228 mm)	17" diagonal (338 mm x 270 mm)	19" diagonal (376 mm x 301 mm)
XGA (1024 x 768) native. Supports IBM VGA; VESA VGA, SVGA, XGA	SXGA (1280 x 1024) native. Supports IBM VGA; VESA VGA, SVGA, XGA, SXGA	SXGA (1280 x 1024) native. Supports IBM VGA; VESA VGA, SVGA, XGA, SXGA
14.2" x 10.6" x 1.9" (360 mm x 270 mm x 47 mm)	14.6" x 11.8" x 1.8" (371 mm x 299 mm x 46 mm)	17.2" x 14.3" x 3.2" (436 mm x 363 mm x 81 mm)
9.4 lbs (4.3 kg)	11.4 lbs (5.2 kg)	15.2 lbs (6.9 kg)
FCC-B, CE, TUV, RoHS	FCC-B, CE, TUV, RoHS	FCC-B, CE, TUV
0° to 40° C	0° to 40° C	0° to 40° C
1-Year	1-Year	1-Year
990-0068-00	990-0068-00	990-0068-00
Adjustable rear panel mounting brackets included. VESA 75 mm compatible.	Adjustable rear panel mounting brackets included. VESA 75 mm compatible.	Adjustable rear panel mounting brackets included. VESA 75 mm compatible.

LB1500RTC - 15" Capacitive
LB1500RTC 997-3275-00LF
3M [®] Capacitive
USB
503 cd/m ²
550 cd/m ²
500:1
12 ms
31.5 - 60 KHz
140° H, 120° V
0.297 mm
56-75 Hz
Analog
External Module UL, CuL 1950 certified.
100-240 VAC, 50/60 Hz
40W (1W standby)
D-sub, 15-pin
Anti-glare coating Multi-language support On screen display (OSD)
15" diagonal (304 mm x 228 mm)
XGA (1024 x 768) native. Supports IBM VGA; VESA VGA, SVGA and XGA
14.2" x 10.6" x 2.0" (360 mm x 270 mm x 51.3 mm)
8.7 lbs (3.9 kg)
UL, FCC-B, CE-B, TUV, RoHS
0° to 40° C
1-Year
990-0068-00
Adjustable rear panel mounting brackets included. VESA 75 mm compatible.

*Specified at CR₂:5:1. All other LCDs specified at CR₂:10:1.

AMLCD Open-Frame Monitors - Non-Touch



SPECIFICATIONS	LA1500R - 15"	LA1710R - 17"	LA1910R - 19"
Planar Part Number	LA1500R 997-3467-00LF	LA1710R 997-2808-00LF	LA1910R 997-2810-00LF
Contrast Ratio (typical)	600:1	800:1	1000:1
Response Time (typical)	8 ms	5 ms (3.5 ms rise, 1.5 ms fall)	5 ms (1.3 ms rise, 3.7 ms fall)
Horizontal Scan	31.5 - 60 KHz	31.5 - 80 KHz	31.5 - 80 KHz
Viewing Angle (typical)	160° H, V	160° H, V	160° H, V
Brightness	250 cd/m ²	300 cd/m ²	300 cd/m ²
Pixel Pitch	.297 mm	0.264 mm	0.294 mm
Refresh Rate	56-75 Hz	56-75 Hz	56-75 Hz
Input Options	Analog	Analog/DVI-D	Analog/DVI-D
Power Supply	External Module with IEC 320 Connector, USA, Cord-set, UL1950 certified.	External Module with IEC 320 Connector, USA, Cord-set, UL1950 certified.	External Module with IEC 320 Connector, USA, Cord-set UL1950 certified.
Power Requirements	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz
Power Consumption (operational)	30W (3W standby)	40W (3W standby)	60W (5W standby)
External Connections	D-sub, 15-pin	D-sub, 15-pin, DVI-D	D-sub, 15-pin, DVI-D
Features	Anti-glare coating Multi-language support On screen display (OSD)	Anti-glare coating Multi-language support On screen display (OSD)	Anti-glare coating Multi-language support On screen display (OSD)
Display Active Area	15" diagonal (304 mm x 228 mm)	17" diagonal (338 mm x 270 mm)	19" diagonal (376 mm x 301 mm)
Native Resolution	XGA (1024 x 768) native. Supports IBM VGA; VESA VGA, SVGA, XGA; and Apple® Mac modes	SXGA (1280 x 1024) native. Supports IBM VGA; VESA VGA, SVGA, XGA, SXGA; and Apple® Mac modes	SXGA (1280 x 1024) native. Supports IBM VGA; VESA VGA, SVGA, XGA, SXGA; and Apple® Mac modes
Dimensions (WxHxD)	14.2" x 10.6" x 1.9" (360 mm x 270 mm x 47 mm)	14.6" x 11.8" x 1.8" (371 mm x 299 mm x 46 mm)	17.2" x 14.3" x 3.2" (436 mm x 363 mm x 81 mm)
Weight (display and brackets)	7.9 lbs (3.6 kg)	10.1 lbs (4.6 kg)	12.5 lbs (5.7 kg)
Approvals	FCC-B, CE, TUV, RoHS	FCC-B, CE, TUV, RoHS	FCC-B, CE, TUV, RoHS
Operating Temperature	0° to 40° C	0° to 40° C	0° to 40° C
Service and Support/Warranty	1-Year	1-Year	1-Year
Extended Warranty Package	990-0068-00	990-0068-00	990-0068-00
Mounting Options	Adjustable rear panel mounting brackets included. VESA 75 mm compatible.	Adjustable rear panel mounting brackets included. VESA 75 mm compatible.	Adjustable rear panel mounting brackets included. VESA 75 mm compatible.

SPECIFICATIONS	LB1500R - 15"	LB1503R - 15"
Planar Part Number	LB1500R 997-3006-00LF	LB1503R 997-3156-00LF
Contrast Ratio (typical)	500:1	500:1
Response Time (typical)	12 ms	12 ms
Horizontal Scan	31.5 - 60 KHz	31.5 - 60 KHz
Viewing Angle (typical)	140° H, 120° V	140° H, 120° V
Brightness	550 cd/m ²	550 cd/m ²
Pixel Pitch	.297 mm	.297 mm
Refresh Rate	56-75 Hz	56-75 Hz
Input Options	Analog	Analog/DVI-D/Composite NTSC, PAL
Power Supply	External Module UL CuL 1950 certified.	External Module with IEC 320 Connector, USA, Cord-set UL1950 certified.
Power Requirements	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz
Power Consumption (operational)	40W (1W standby)	60W (3W standby)
External Connections	D-sub, 15-pin	D-sub, 15-pin
Features	Anti-glare coating Multi-language support On screen display (OSD)	Anti-glare coating Multi-language support On screen display (OSD)
Display Active Area	15" diagonal (304 mm x 228 mm)	15" diagonal (304 mm x 228 mm)
Native Resolution	XGA (1024 x 768) native. Supports IBM VGA; VESA VGA, SVGA and XGA	XGA (1024 x 768) native. Supports IBM VGA; VESA VGA, SVGA and XGA
Dimensions (WxHxD)	14.2" x 10.6" x 2.0" (360 mm x 270 mm x 51.3 mm)	14.2" x 10.6" x 1.6" (360 mm x 270 mm x 41.5 mm)
Weight (display and brackets)	8.7 lbs (3.9 kg)	6.7 lbs (3.0 kg)
Approvals	UL, FCC-B, CE-B, TUV, RoHS	UL, FCC-B, CE-B, TUV, RoHS
Operating Temperature	0° to 40° C	0° to 40° C
Service and Support/Warranty	1-Year	1-Year
Extended Warranty Package	990-0068-00	990-0068-00
Mounting Options	Adjustable rear panel mounting brackets included. VESA 75 mm compatible.	VESA 75 mm compatible.

*Specified at CR₂5:1. All other LCDs specified at CR₂10:1.