elo TOUCH SOLUTIONS

670,N McCarthy Blvd,
Milpitas, CA95035
www.elotouch.com

SPECIFICATIONS
Touchmonitor
2203LM

DOCUMENT: PS600278
REV: G
REV DATE: July 2, 2020
Page 1 of 6

Model	2203LM
Color	Black or White
Active Area	18.74" x 10.54" / 476.06 x 267.79 mm
Dimensions with Stand	383.8 (H) x 526.9 (W) x 193.4 (D) mm max 15.11 (H) x 20.74 (W) x 7.61 (D) in max See dimensional drawings for details
LCD Technology	Active matrix TFT LCD
Diagonal Size	21.5" / 546.1 mm
Number of Touches	10 Touches
On-Screen Display (OSD)	Accessible through switches along the bottom. **Controls**: Menu, Power, Up, Down, Select **Settings**: Brightness, Contrast, Clock, Phase, H-position, V-position, Auto-Adjust, Aspect Ratio, Sharpness, Color Temperature, OSD Timeout, OSD Language, Volume, Mute, Recall Defaults, Audio Select, Power LED ON/OFF, Touch through, Touch Interface, DICOM **Languages**: English, French, Italian, German, Spanish, Simplified Chinese, Traditional Chinese, Japanese, Korean, Russian **Lockouts**: OSD, Power
Mounting Options	VESA 4-hole 100mm mounting interface on rear of unit See dimensional drawings for details
Aspect Ratio	16:9
Native Resolution	1920 x 1080

elo TOUCH SOLUTIONS

670,N McCarthy Blvd,
Milpitas, CA95035
www.elotouch.com

SPECIFICATIONS
Touchmonitor
2203LM

DOCUMENT: PS600278
REV: G
REV DATE: July 2, 2020
Page 2 of 6

Preset Video Timings	640x480 60Hz 720x400 70Hz 640 x 400 70Hz 800x500 60Hz 800x600 56Hz, 60Hz 1024x768 60Hz 1280x720 58Hz, 60Hz 1280x800 60Hz 1280x1024 60Hz 1366x768 60Hz, 60Hz RB 1440x900 60Hz, 60Hz RB 1680x1050 60Hz, 60Hz RB 1920x1080 50Hz, 60Hz
Number of Colors	16.7M
Brightness (typical)	Panel : 250 nits With PCAP : 225 nits
Response Time (Tr + Tf) (typical)	14 ms
Viewing Angle (typical)	Horizontal: 89°/89° or 178° total Vertical: 89°/89° or 178° total
Contrast Ratio (typical)	1000:1
Video	VGA (VGA DE-15 (DB-15) Male connecter cable included) HDMI (HDMI cable included) Input Video Horizontal Sync frequency range: 30 – 82KHz Input Video Vertical Sync (frame rate) frequency range:50 - 75Hz

Medical and Healthcare Application Disclaimer*: It is the sole responsibility of any person intending to commercialize, market or use any of Elo Touch Solutions, Inc., or its family of companies ("Elo") products for medical or healthcare applications to ensure that such product is adequate and appropriate for the person's intended use and complies with all applicable laws, regulations, codes and standards including but not limited to the European Union Medical Device Directive, United States Federal Food, Drug, and Cosmetic Act, regulations of the United States Food and Drug Administration (FDA), and other similar legislation in jurisdictions around the world, and for obtaining and maintaining any required regulatory approvals including but not limited to any required market clearances. Elo has not sought nor received any rulings from the FDA or any other federal, state, or local government agency or notified body as to the safety, effectiveness or appropriateness of its product for such applications. Persons intending to evaluate or use Elo's product for medical or healthcare purposes must rely on their own medical and legal judgment without any representation on the part of Elo.*

elo TOUCH SOLUTIONS

670,N McCarthy Blvd,
Milpitas, CA95035
www.elotouch.com

SPECIFICATIONS
Touchmonitor
2203LM

DOCUMENT: PS600278
REV: G
REV DATE: July 2, 2020
Page 3 of 6

Power	**Monitor input power connector:** Coaxial power jack (2.1 mm pin outer diameter, 6.4mm barrel inner diameter) **Monitor input power signal specifications:** 12VDC +/- 5% **Adapter input voltage range**: 100-240VAC, 50/60Hz **Power Consumption:** Monitor + AC/DC adapter ON (Default - 80% Brightness): 14.4 W ON (Typical - 100% Brightness): 16.05 W SLEEP: 0.78 W OFF: 0.36 W
Speakers	2 x 2W internal speakers
I/O Ports	1 x VGA (RS232 touch supported via E810917) 1 x HDMI 1 x Combo Jack 1 x DC jack 1 x USB Type B 1 x USB 2.0 Type A 4 x Micro USB
Peripheral Ports	4 x Micro USB side ports (Top, Bottom, Left, Right)
Weight	Unpackaged with Stand: 14.88 lbs / 6.75kg Monitor without Stand: 10.47 lbs / 4.75kg Packaged: 23.81lbs / 10.8kg
Shipping Dimensions	617 (H) x 477 (W) x 260 (D) mm max 24.29 (H) x 18.78 (W) x 10.24 (D) in max
Temperature	Operating: 0° C to 40° C / 32°F to 104°F Storage: -20° C to 60° C / -4°F to 140°F
Humidity (non-condensing)	Operating: 20% - 80% Storage: 10% - 95% (38.7 Deg maximum wet bulb temperature)

Medical and Healthcare Application Disclaimer*: It is the sole responsibility of any person intending to commercialize, market or use any of Elo Touch Solutions, Inc., or its family of companies ("Elo") products for medical or healthcare applications to ensure that such product is adequate and appropriate for the person's intended use and complies with all applicable laws, regulations, codes and standards including but not limited to the European Union Medical Device Directive, United States Federal Food, Drug, and Cosmetic Act, regulations of the United States Food and Drug Administration (FDA), and other similar legislation in jurisdictions around the world, and for obtaining and maintaining any required regulatory approvals including but not limited to any required market clearances. Elo has not sought nor received any rulings from the FDA or any other federal, state, or local government agency or notified body as to the safety, effectiveness or appropriateness of its product for such applications. Persons intending to evaluate or use Elo's product for medical or healthcare purposes must rely on their own medical and legal judgment without any representation on the part of Elo.*

elo TOUCH SOLUTIONS

670,N McCarthy Blvd,
Milpitas, CA95035
www.elotouch.com

SPECIFICATIONS
Touchmonitor
2203LM

DOCUMENT: PS600278
REV: G
REV DATE: July 2, 2020
Page 4 of 6

Regulatory approvals and declarations	Canada CUL, IC China CCC Europe CE Korea KCC Taiwan BSMI United States FCC, UL Japan VCCI International CB Australia RCM Russia EAC Mexico CoC India BIS RoHS, China RoHS, WEEE, REACH
Healthcare Safety Standards	UL: AAMI /ANSI ES60601-1:2005/(R)2012 and A1:2012, C1:2009/(R)2012 and A2:2010/(R)2012/IEC 60601-1 Ed. 3.1 cUL: (CAN/CSA-C22.2 NO. 60601-1:14 /IEC60601-1 Ed. 3.1 CB: IEC 60601-1:2005+A1:2012 (Ed. 3.1) CE: IEC 60601-1-2:2014 (Ed. 4) Risk Management: ISO 14971:2007 + EN ISO 14971:2012 Usability: IEC 60601-1-6:2010+A1:2013 (Ed. 3.1), IEC 62366:2007+A1:2014 (Ed. 1.1)
DICOM	DICOM Part 14 (AAPM secondary display)
Ingress Protection	IP54 entire enclosure
Impact Protection	IK06
Warranty	3 years 　4 year warranty coverage - Elo P/N: E898247 　5 year warranty coverage - Elo P/N: E898449 　3 year warranty coverage + AUR - Elo P/N: E898648 　4 year warranty coverage + AUR - Elo P/N: E894921 　5 year warranty coverage + AUR - Elo P/N: E895125
MTBF	50,000 hours demonstrated

Medical and Healthcare Application Disclaimer*: It is the sole responsibility of any person intending to commercialize, market or use any of Elo Touch Solutions, Inc., or its family of companies ("Elo") products for medical or healthcare applications to ensure that such product is adequate and appropriate for the person's intended use and complies with all applicable laws, regulations, codes and standards including but not limited to the European Union Medical Device Directive, United States Federal Food, Drug, and Cosmetic Act, regulations of the United States Food and Drug Administration (FDA), and other similar legislation in jurisdictions around the world, and for obtaining and maintaining any required regulatory approvals including but not limited to any required market clearances. Elo has not sought nor received any rulings from the FDA or any other federal, state, or local government agency or notified body as to the safety, effectiveness or appropriateness of its product for such applications. Persons intending to evaluate or use Elo's product for medical or healthcare purposes must rely on their own medical and legal judgment without any representation on the part of Elo.*

elo TOUCH SOLUTIONS

670,N McCarthy Blvd,
Milpitas, CA95035
www.elotouch.com

SPECIFICATIONS
Touchmonitor
2203LM

DOCUMENT: PS600278
REV: G
REV DATE: July 2, 2020
Page 5 of 6

What's in the Box	1 x Touchmonitor
	1 x Quick Install Guide
	3 x Tie wraps
	1 x VGA cable
	1 x HDMI cable
	1 x Touch USB cable
	1 x Audio cable
	1 x Power brick (E795350 or E323104)
	1 x NA Power cable
	1 x EU Power cable
	1 x EEI Label
	1 x DICOM calibration sheet

Part Number	Part Description	Touch Technology	Surface Treatment	Touch Interface	Color
E658788	ET2203LM-2UWB-1-BL-G	TouchPro PCAP	AG	USB, Serial (via VGA)	Black
E658992	ET2203LM-2UWB-1-WH-G	TouchPro PCAP	AG	USB, Serial (via VGA)	White

Document Number	Description
MS601974	Dimensional drawings
MD600080	Regulatory certificates
UM600504	User Guide – REVB, English
UM600505	User Guide – REVB, French
UM600506	User Guide – REVB, Italian
UM600507	User Guide – REVB, German
UM600508	User Guide – REVB, Spanish
UM600509	User Guide – REVB, Russian
UM600510	User Guide – REVB, Japanese

Medical and Healthcare Application Disclaimer*: It is the sole responsibility of any person intending to commercialize, market or use any of Elo Touch Solutions, Inc., or its family of companies ("Elo") products for medical or healthcare applications to ensure that such product is adequate and appropriate for the person's intended use and complies with all applicable laws, regulations, codes and standards including but not limited to the European Union Medical Device Directive, United States Federal Food, Drug, and Cosmetic Act, regulations of the United States Food and Drug Administration (FDA), and other similar legislation in jurisdictions around the world, and for obtaining and maintaining any required regulatory approvals including but not limited to any required market clearances. Elo has not sought nor received any rulings from the FDA or any other federal, state, or local government agency or notified body as to the safety, effectiveness or appropriateness of its product for such applications. Persons intending to evaluate or use Elo's product for medical or healthcare purposes must rely on their own medical and legal judgment without any representation on the part of Elo.*

elo TOUCH SOLUTIONS

670,N McCarthy Blvd,
Milpitas, CA95035
www.elotouch.com

SPECIFICATIONS
Touchmonitor
2203LM

DOCUMENT: PS600278
REV: G
REV DATE: July 2, 2020
Page 6 of 6

UM600511	User Guide – REVB, Simplified Chinese
UM600512	User Guide – REVB, Traditional Chinese
UM600513	User Guide – REVB, Korean

MTBF (Mean Time Between Failures) An MTBF measurement is based on a statistical sample and is not intended to predict any one specific unit's reliability; thus MTBF is not, and should not be construed as, a warranty measurement.

Options/Peripheral/Upgrades	Part # (RoHS Compliant)
Magnetic Stripe Reader - Black	E001002
Magnetic Stripe Reader - White	E352392
Privacy Screen 22-in	E352783
Elo Stand 1902/3-2202/3 - Black	E804330
Elo Stand 1902/3-2202/3 - White	E808963
Elo Monitor Handles – 1 Set	E352196
Wall mount	E143088
North America Power Cable – C13	E593865
Australia Power Cable – C13	E594067
Europe Power Cable – C13	E594264
Korea Power Cable – C13	E594466
China Power Cable – C13	E594670
Taiwan Power Cable – C13	E594869
Japan Power Cable – C13	E793799
Power Brick – 65W	E593253
Shelf mount	E043382
Pole Mount Bracket	E045151
Pcap Stylus	E066148
ELO-KIT-19-27 02/03 Series Cables 1.8m-R	E408193
ELO-KIT-YCABLE-IDS (Serial Touch & VGA Video Y-Cable)	E810917

Medical and Healthcare Application Disclaimer*: It is the sole responsibility of any person intending to commercialize, market or use any of Elo Touch Solutions, Inc., or its family of companies ("Elo") products for medical or healthcare applications to ensure that such product is adequate and appropriate for the person's intended use and complies with all applicable laws, regulations, codes and standards including but not limited to the European Union Medical Device Directive, United States Federal Food, Drug, and Cosmetic Act, regulations of the United States Food and Drug Administration (FDA), and other similar legislation in jurisdictions around the world, and for obtaining and maintaining any required regulatory approvals including but not limited to any required market clearances. Elo has not sought nor received any rulings from the FDA or any other federal, state, or local government agency or notified body as to the safety, effectiveness or appropriateness of its product for such applications. Persons intending to evaluate or use Elo's product for medical or healthcare purposes must rely on their own medical and legal judgment without any representation on the part of Elo.*