

W32L100-PTA1

32" Multi-Touch Color Healthcare Display



KEY FEATURES

- 32" Multi-Touch Color Healthcare Display (3840 x 2160) native resolution
- Projected Capacitive Touch
- Bottom side keys x 5
- Fanless and Ventless design, Easy-to-Clean, Multi-Touch Color Display
- Support VGA , DVI , HDMI , DP variety signal input
- Support IR Remote controller
- Housing with antimicrobial properties
- Front IP65

INTRODUCTION

Winmate Multi-Touch Color Surgical Display Series offers advanced display solutions tailored for medical applications, available in sizes ranging from 15.6" to 32". With native resolutions up to 3840 x 2160, Projected Capacitive Multi-Touch (PCAP) technology, and antimicrobial housing, these displays ensure precision and hygiene in surgical settings. Featuring front IP65 protection, fanless and ventless designs, and versatile connectivity options including VGA, HDMI, and DP, this series is ideal for operating rooms, diagnostics, and clinical environments requiring reliability and clarity.

SPECIFICATIONS

Display			
Resolution	3840x2160	Size	32.0 inches
Contrast Ratio	1000:1	Panel Brightness	350.0 nits
Display Color	1.07B Colors	View Angles	89,89,89,89
Active Area	708.48x398.52 mm	Touch / Glass	Projected Capacitive Multi Touch Screen (AG)
Environment			
Operating Humidity	10% to 90% RH, Non-Condensing	Operating Temperature	0°C to 35°C
Storage Temperature	-20°C to 60°C		
Certification			
Certification	IEC/EN 60601-1 IEC 60601-1-2:2014/AMD:2020 IEC60601-1-6 +IEC62366 EN 60601-1-2:2015/A1:2021 EN55032/35, FCC Part15B, ICE-003 ISO14971 RoHS-2, REACH, WEEE compliant		
IO Ports			
USB Port	1 x USB 2.0	Serial Port	1 x RS-232
Video	1 x Dual DVI In 1 x DP 1.2 Out	Audio	1 x Mic In 1 x Line Out

GPIO	1 x DP 1.2 In	2 x Speaker
	1 x VGA In	
	1 x 3G SDI in	
	1 x 3G SDI out	
	1 x HDMI 1.4 (Optional)	
	1 x HDMI 2.0 (Optional)	
	1 x RJ-11	

Mechanical

Dimension	799 x 478 x 63.7 mm	Weight	18.5 kg
Mounting	VESA mount	Enclosure	Plastic
Cooling System	Fanless Design		

Accessory

Accessory	Remote Control User Manual VESA Mounting Screws 24 Volt Power Supply Power Cable VGA Cable DVI Cable SDI Cable DC Jack to Open Wire Cable RS232 Cable	Optional Accessory	USB Cable for Touch (Optional)
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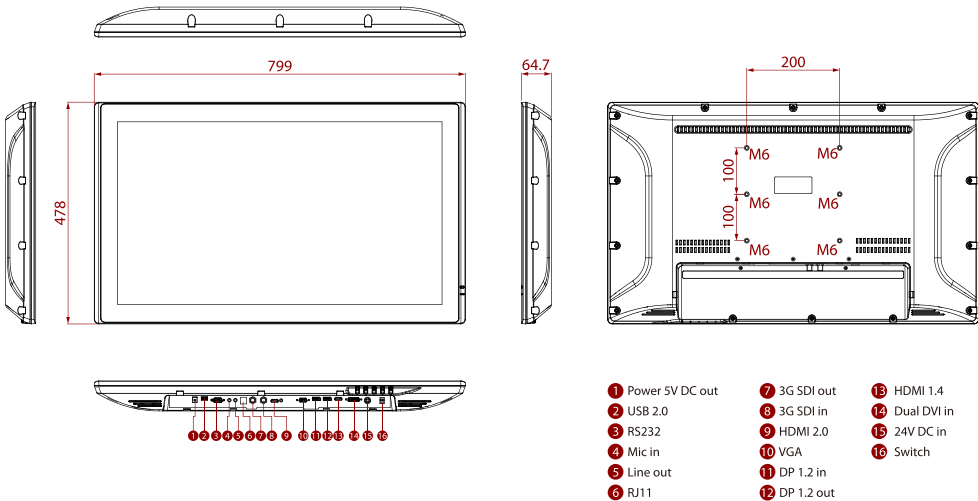
Power

Power Rating	24V DC in
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Control

Button	5 Keys: -, +, Power, Esc, Enter
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DIMENSIONS UNIT:MM



NOTE

- 1. This is a simplified drawing and some components are not marked in detail.
- 2. Please contact our sales representative if you need further product information.
- 3. All specifications are subject to change without prior notice.
- 4. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.