

SEAL WMP-15P / WMP-19P Panel PC

Fanless medical panel PC with 15.6" and 19" display and 13th Generation Intel® Core™ CPU

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A ONE STOP SYSTEMS COMPANY

Features

- 15.6" and 19" Medical Panel PC
- Intel® Core™ i7 /i5/i3 13th Generation CPU
- IP65 on the front and IPx1 for the entire system
- Antibacterial (MRSA) plastic housing
- Fanless solution



SEAL WMP-19P

SEAL WMP-15P

High-performance Panel PC for demanding medical applications

These 15.6-inch and 19-inch medical panel PCs have been specially designed for use in the medical sector, offering exceptional performance and versatility with its latest generation Intel® Core™ processors. Equipped with a high-performance Intel® 13th Generation Core i CPU, it ensures efficient and reliable processing of medical data and applications.

Robust and Hygienic Design

The panel PCs feature an antibacterial plastic housing that is MRSA-resistant, making it ideal for use in hospitals, doctors' surgeries, and operating rooms. Its high-resolution with up to 500 cd/m² brightness, delivers clear and sharp visuals. The fanless design ensures quiet, maintenance-free operation.

Additional Features and Protection

With an optional UPS battery (100 watts max) for uninterrupted power supply and an IP65-certified front that protects against dust and water, this panel PC is well-suited for the rigorous demands of medical environments. Its slim design and high connectivity make it an excellent choice for various medical applications and trolleys.

Appearance



SEAL WMP-15P



SEAL WMP-19P



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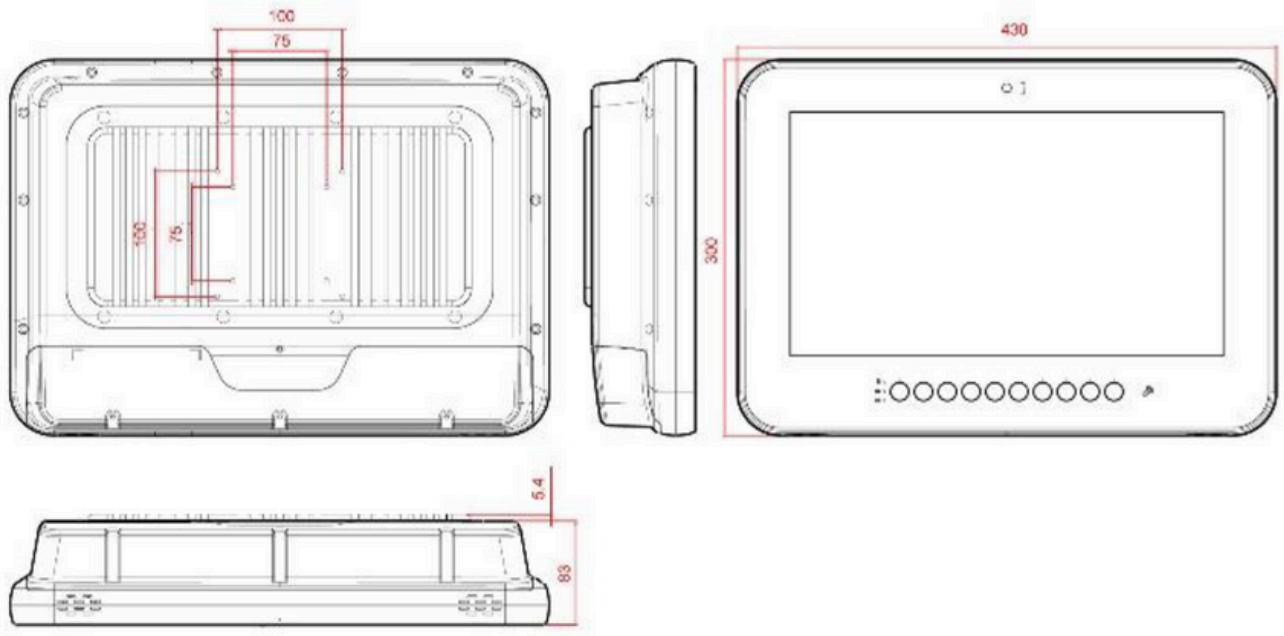
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	SEAL WMP-15P	SEAL-WMP-19P
SYSTEM		
CPU	FCBGAI744 Intel® 13th Generation Core i7/i5/i3 & Celeron Processor (15W Max.) / SoC	
Graphics	Intel® Iris Xe graphics (i7/i5 CPU) or Intel® UHD graphics (i3 CPU)	
RAM	2x DDR5 SO-DIMM 5200MHz socket, supports Dual Channel, non-ECC, up to 96GB	
Storage	1x M.2 M-Key 2280 with PCIe x4 & SATA III for SSD 1x 2.5" SATA III SSD/HDD drive bay	
Expansions	1x PCIe x4 (40W max.) 1x M.2 E Key	
Operating System	Optional Windows 10 IoT Enterprise LTSC or Windows 11 IoT Enterprise GAC	
DISPLAY		
Display Size	15.6" (39.6cm)	19" (48.26cm)
Resolution	Option 1: 1366 x 768 Option 2: 1920 x 1080 (Full HD)	1280 x 1024 (SXGA)
Touchscreen	Projected capacitive multi-touch panel	Projected capacitive multi-touch panel
Brightness	Option 1: 400 nits Option 2: 500 nits	350 nits
Aspect Ratio	16:9	5:4
INTERFACE		
Ethernet	2x RJ-45	
USB	4x USB 3.2 Gen 2	
COM	1x RS-232/422/485 1x RS-232	
Video	1x HDMI 2.0 1x DisplayPort 1.4a	
Audio	1x 3.5mm (line-out and mic-in) 2x 2-watt speakers and integrated microphone (on the underside of the housing)	
Power	1x 12~24V DC-in	
ENVIRONMENTAL		
Enclosure	Front: Fully flat design / touch (standard)/ glass (customized) Back: White plastic with antibacterial (MRSA) housing	
Cooling	Fanless design with external heat sink	
Power Supply	AC input 100~240V / 47 ~ 63 Hz DC output 12V, 100W (HPU-101)	
Operating Temperature	0°C~40°C (IEC60068-2-78)	0°C~35°C (20W add-on card) (IEC60068-2-78) 0°C~40°C (15W add-on card) 25W add-on card (project-related)
Storage Temperature	-20°C ~ 60°C	
Humidity	10% ~ 90% non-condensing	
Dimensions	430 (H) x 300 (W) x 88.4mm (D)	450 (H) x 420(W) x 85.3mm (D)
Weight	5.0 kg (without power adapter/battery)	7.5 kg (without power adapter/battery)
Mounting	VESA mounting 75 x 75mm, 100 x 100mm	
IP Rating	IP65 on the front IPx1 for the entire system	
Certifications	CE: EN IEC 60601-1-2:2015/A1:2021(Ed 4.1) EN 60601-1: 2006/A2:2021; IEC 60601-1:2005, IEC 60601-1:2005/AMD1:2012, IEC 60601-1:2005/AMD2:2020 VCCI: 2016-II, Class B (PSU/battery with PSE) / FCC: Part 18 Class B UL: AAMI ES60601-1:2005/(R)2012 and A1:2012/(R)2012 and A2:2021 as part of the project cUL: CAN/CSA-C22.2 No. 60601-1:14 within the scope of the project ISO 14971 / IEC62133	CE: EN IEC 60601-1-2:2015/A1:2021(Ed 4.1) EN 60601-1: 2006/A2:2021; IEC 60601-1:2005, IEC 60601-1:2005/AMD1:2012, IEC 60601-1:2005/AMD2:2020 as part of the project VCCI: 2016-II, Class B (PSU/battery with PSE) / FCC: Part 18 Class B UL: AAMI ES60601-1:2005/(R)2012 and A1:2012/(R)2012 and A2:2021 as part of the project cUL: CAN/CSA-C22.2 No. 60601-1:14 within the scope of the project ISO 14971 / IEC62133

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Technical drawing (mm) - 15.6"



Technical drawing (mm) - 19"

