



# MEDS-P1900

19" Medical AI Coffee Lake Refresh  
Medical LCD Diagnostic Panel PC



## FEATURES

- Anti-Bacteria (MRSA) Plastic Housing & Touch
- 19" 1280x1024 LCD Diagnostic Panel
- Intel® 8<sup>th</sup>/9<sup>th</sup> Generation Core i7/i5/i3 CPU
- Supports Dual Channel DDR4 up to 64GB
- EN/UL 60601-1 Safety & EMC Latest Version & MDR Certification Ready
- Independent GeForce GTX 1060 graphic with 6GB dedicated video memory
- Support PCIe Expansion for Intel® Movidius™ Vision AI Kits

## I/O Interface



## Main System

CPU / Chipset	Intel® 8 <sup>th</sup> / 9 <sup>th</sup> generation Core i7/i5/i3 Processor (35W Max.)
Graphic	Intel® integrated HD Graphics
RAM	2x 2666/2400/2133 MHz DDR4 SODIMM sockets support dual channel, non-ECC, up to 64GB
OS Support	Windows 10
Storage	M.2 M.Key 2280 PCIe x4 NVMe SSD Up to 1TB Optional 2.5" SATA III HDD drive bay x1
Expansion	PCI-e (x4) x1 (25W Max.), M.2 E Key 2230 x1, Optional Network Interface: WLAN + Bluetooth module
Display Size	19" LED Backlight
Display	1280 x 1024 (SXGA), 16.7M colors, 170(H) / 160(V), 350 nits (Typ. Center point), CR:1000:1 (Typ)
Touch Screen	Full flat projective capacitive touch panel / Light Transmission: 90% ± 3% / Hardness: 7H pencil, pressure 750g/45° / Life: 100M times

## I/O Interface

USB	USB3.1 Gen II x 4
COM	RS-232 x1, RS232/RS422/RS485 x1
LAN	RJ45 x2
Audio	3.5mm phone jack connector x2 (Line-out, Mic-In)
Video	DP x 2
Control Hot Key	Power Button / Audio adjustment / brightness / LCD on/off / Clean me

## Power

Power Input	DC-In x1, DC 14~19V input
Power Adapter/Battery	AC input 100~240V/ 47~63 Hz/ DC output 19V / 250W / DR-202W2

## Mechanical & Environmental

Temperature Range	Operating : 0 - 40°C / Storage : -20 - 60°C
Humidity Range	Operating & Storage : 10 - 90%, non-condensing
Dimensions	450 mm (H) x 420 mm (V) x 84.1 mm (T)
Weight	7.5 kg (approximate, w/o power adapter / battery pack)
Mounting	Optional Stand, VESA 100 x 100 mm
Certifications	-CE: EN 60601-1-2:2015(V4.0), MDR: MDR 2017/745 -VCCI: 2016-11, Class B (PSU with PSE), FCC: Part 18 Class B, -UL: ANSI/AAMI ES60601-1:2012 (V3.1) -cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1) -ISO 14971 / IEC62133 / Energy Star 6.1 Compliance
IP Rating/Housing	IP65 (Front Side) IPX1 for whole system / Plastic White w/Anti-bacteria (MRSA), Housing & Touch Screen



# MEDS-P1900

19" Medical AI Coffee Lake Refresh  
Medical LCD Diagnostic Panel PC

## DIMENSIONS

Units (mm)

