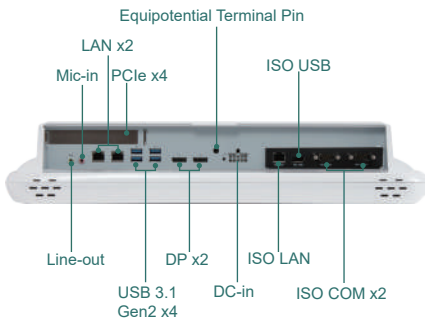




PHCP-19311-CFL is driven by Intel® 9th gen Core™ i5/i7/i9 series processors and up to 64GB of DDR4 RAM, provides advanced computing power for medical devices. The PCIe x4 slot also offers variable of expansions. With independent MXM graphic card, it is an ideal solution for AI image processing.

FEATURES

- Full Flat P-cap Touch Panel
- 19" 1280x 1024 (5:4)
- PCIe x4 slot for expansion
- Anti-Bacteria (MRSA) Plastic Housing & Touch
- Optional 4KV isolated COM/LAN/USB
- Optional MXM graphic card



Ordering Guide

TBD	PHCP-19311-CFL
-----	----------------



General

Processor	Intel® Core™ i9-9500TE (2.20GHz)
Chipset	Intel® Q370
Memory	2x DDR4 2666MT/s, non-ECC, up to 64GB
Storage Devices	- M.2 M Key 2280 up to 1TB - 2.5" SATA III SSD/HDD (optional)
Expansion Interface	- 1 x PCIe x4 slot - 1 x M.2 E Key 2230
OS Support	Win 10 IoT Enterprise LTSC

Display & Touch Screen

LCD	19" LCD (5:4)
Brightness	350 cd/m ²
Resolution	1280x 1024 (SXGA)
Max Colors	16.7M colors
Contrast Ratio	1000:1
Touch Screen Type	Full Flat P-cap Multi-Touch
Transparency	≥87%

I/O

USB	- Standard: 4x USB3.1 Gen2 - Isolation: 4x USB3.1 Gen2, 1x ISO USB2.0
Serial Port	- Standard: 1x RS232, 1x RS232/422/485 - Isolation: 1x RS232, 1x ISO RS232/422/485
Ethernet	- Standard: 2x RJ45(GbE) - Isolation: 2x RJ45(GbE), 1x ISO RJ45(GbE)
Audio	- 2x 3.5mm audio jack(Line-out, Mic-in)
Video Output	- 2x DP
Speaker&Microphone	2x 2-watt Speakers

Mechanical & Environmental

Power Input	DC 14~19V input
Power Adapter	- AC input 100~240V / 47 ~ 63 Hz / DC output 19V, 250W - Battery: DR-202W2 (optional)
Dimensions(mm)	450mm (H) x 420mm (V) x 84.1mm (T)
Weight(Kg)	7.5 kg (w/o power adapter/battery pack)
VESA Mounting(mm)	VESA 100
Temperature(°C)	- Operating: 0~40°C - Storage: -20~60 C
Humidity(%)	- Operating: 10 ~ 90%, non-condensing - Storage: 10 ~ 90%, non-condensing
IP Rating	IP65 (Front Side), IP x1 whole system
Certifications and Compliances	- 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) - BIS:IS13252 (Part I): IEC60950-1 / ISO 14971 / IEC62133

