

NEW

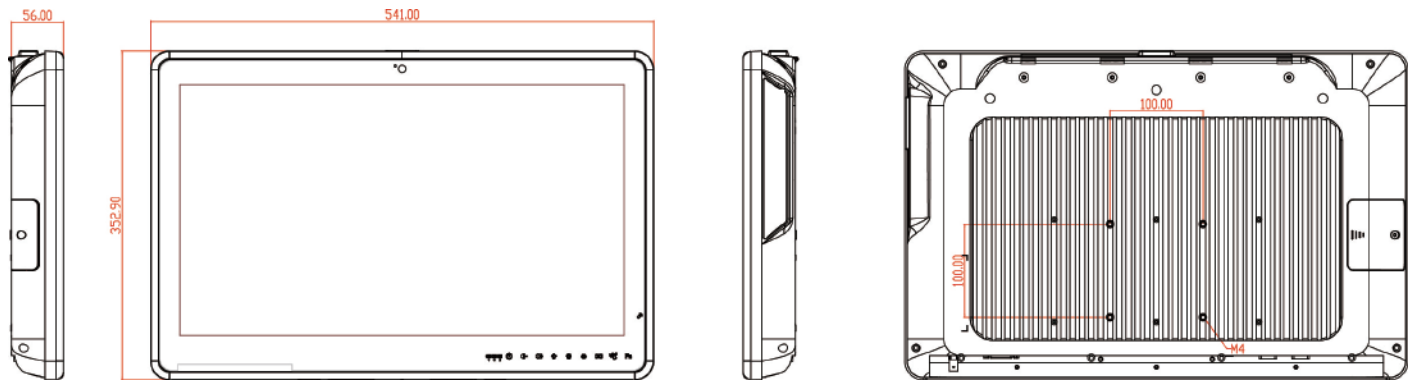


Key Features

- 21.5" full HD (1920X1080) MVA Diagnostic Panel
- Anti-bacteria (MRSA) Plastic Housing
- Supports Dual Channel DDR4 SODIMM up to 32GB
- Internal Expansion Support M.2 E key, miniPCIe Full Size
- Highest Level of Medical Safety Protection
EMC 4.0/ Safety 3.1 Certification Ready
- Fanless solution



Outline Drawing



Main System

CPU	FCBGA1356 Celeron® 3955U processor (15W max.)
Chipset	SoC
Graphic Memory	Intel® integrated HD Graphics 510 (by CPU) Two 2133 MHz DDR4 SODIMM socket support dual Channel, non-ECC, up to 32GB
Speaker	2 W x 2

LCD Panel

Size	Size: 21.5", wide 16:9, LED Backlight
Resolution	1920 x 1080 (Full HD)
Color numbers	16.7M colors (8 bits)
Viewing angle	178 (H) / 178 (V), MVA type
Contrast	3000:1 (Typ)
Brightness	250 nits

Touch Panel

Type	Full flat projective capacitive touch panel
Light transmission	90% ± 3%
Hardness	7H pencil, pressure 750g/45°
Life time	100M times

* OS support (Multi point) : Win 10

Storage & Expansion

Storage	2.5" SATA HDD drive bay x 1 with doggy door
Expansion slot	• Mini PCIe x 1 (52 pin card-edge type) • M.2 Type E Key x 1

Shock/Vibration/Drop

SHOCK	Operating: 15g/0.53 oz, 11 ms, half sine wave Non-operating: 50g/1.76 oz, 11 ms, half sine wave
VIBRATION	Operating: 5 ~ 17 Hz , Amplitude : 0.1 17 ~ 500Hz , Acceleration : 1.0G Non-operating: 10~55Hz/0.15g, 55~500Hz/2.0g (IST)
DROP	3 Feet height free drop still survive

I/O & Power & Control Keys

USB	USB 3.0 x 4
COM	RS232 x 1, RS232/422/485 x 1 (RS-485 auto flow support, Jumpless by BIOS) RI with 5V/12V
LAN	RJ-45 x 2, Gigabit
Video-out	DP x 2
Audio	Line-out, Microphone-in (3.5 mm phone-jack)
Power input	DC-in x 1, DC 18V input (Others by optional DC-DC adapter)
Power adapter	AC input 100~ 240V / 47~63 Hz / DC output 18V/ 5.55A
Power consumption	93.8 W (MAX. loading without adapter)
Control keys	Power, audio volume, brightness, read light, display backlight, Clean me, programmable button

Mechanical & Environmental

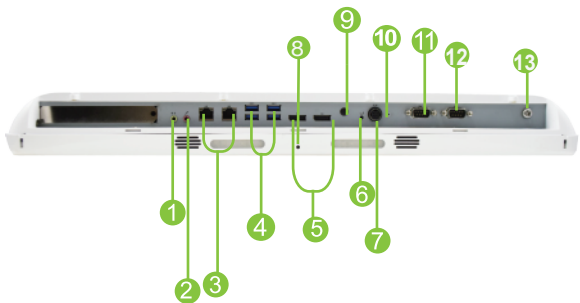
Housing	• Front: Full flat design / Touch (standard), • Rear: Without side hole • Anti-bacteria (MRSA)
Cooling	Fanless
IP rating	IP65 – front side
Dimension	541 x 352.9 x 56 mm (W x H x D, w/o stand)
Weight (net)	7.0Kg (approximate, w/o power adapter)
Temperature	Operating : 0°C~40°C Storage : -20°C~60°C
Humidity	Operating & storage – 10%~90%, non-condensing
Regulatory	• FCC/CE/VCCI Class B • cULus Mark/UL60601-1 • EN60601-1 approved / ISO 14971 / IEC-62133 • Energy star 6.1 compliance

Options

802.11 ac/a/b/g/n WLAN + Bluetooth 4.1 module
5M pixel webcam module
RFID (13.56MHz)
TPM 2.0 module
5V1A power Jack
Windows 10 IoT Enterprise
AG film
Equipotential terminal pin

Packing List

Power adapter x 1
DVD title x 1 (include Driver & User manual)
M4 Screws x 4 (for VESA use)
Power cord x 1



- ① Line-out
- ② Mic-in
- ③ LAN x 2
- ④ USB 3.0 x 4
- ⑤ DP x 2
- ⑥ Reset
- ⑦ DC-in

- ⑧ Built-in Microphone
- ⑨ Equipotential terminal pin
- ⑩ Fixing screw hole
- ⑪ RS232/422/485
- ⑫ RS232
- ⑬ 5VIA



Ordering Information

WMP-22G-CP0L	21.5" FANLESS	Celeron 3955U 2.0GHz, DDR4 4G RAM, 500G HDD, Full flat P.cap touch
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