

Wave SMART PERFORMANCE Monitors (PPC)

Principal Design

The Wave II series is built on a modular design, meaning that a SMART PERFORMANCE version will be realized by adding a CPU in the interchangeable Electronics Box of the already completed and type approved monitors.

All Wave SMART PERFORMANCE Monitors will remain fanless, and come in both touch and non-touch versions. Standard accessories to the Wave II monitor will equally fit on a Wave SMART PERFORMANCE Monitor.

Wave SMART PERFORMANCE Electronics Unit spec:

TECHNICAL DATA				
CPU	Celeron 4305UE	i3-8145UE	i5-8365UE	i7-8665UE
Passmark score*	2600	5500	8000	9000
CPU TDP	15W	15W	15W	15W
Graphics	Intel® UHD Graphics 620			
SSD	3 x M2 slot + SATA			
RAM	DDR4 2400, configurable size			
Ethernet	2 x 10/100/1000			
Video outputs	1 x HDMI 2.0 + 1 x Display Port			
USB	4 x USB 3.1			
Serial interface	2 x RS232/RS485/422 + 2 x RS232 (D-SUB)			
Sound	Line in + Line out (mini Jack)			
OS supported	Linux and Windows			
Operating temp (CPU)	0 – 60C			

* Indicative performance indicator.

The SMART PERFORMANCE Electronics Unit can be utilized as a **stand-alone box-pc** or mounted on a display unit to make up a **panel-pc**. All monitor sizes from 18.5" to 32" can be accommodated in a Wave SMART PERFORMANCE Monitor, inclusive of the 24" High Bright version.

Wave SMART PERFORMANCE Monitor Specs:

TECHNICAL DATA							
Screen size	18.5" 16:9	19" 5:4	21.5" 16:9	24" 16:9	24"HB 16:9	27" 16:9	32" 16:9
Resolution	1920 x 1080	1280 x 1024	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Brightness	350 cd/m ²	300 cd/m ²	300 cd/m ²	300 cd/m ²	1500 cd/ m ²	350 cd/m ²	500 cd/m ²
Response time	20 ms	20 ms	16 ms	25 ms	25 ms	12 ms	10 ms
Power consumption	40 W	38 W	46 W	68 W	81 W	45 W	56 W
Weight	6.4 kg	7 kg	6.6 kg	7.5 kg	7.5 kg	8.5 kg	13 kg
Glass / Touch type	Anti-Reflective, tempered 3 mm glass or P-CAP multitouch (10 simultaneous points)						4mm
Viewing angle	89 / 89 / 89 / 89						
Backlight lifetime	Typ. 50 000 hrs						
Dimming range	0 – 100 %						
Power input	90-264 VAC (IEC Inlet) (DC single or AC/DC multipower optional)						