

## Wave PERFORMANCE Concept (Box Computer & PPC)

The **Wave PERFORMANCE Box** is a state-of-the-art computer concept, derived from the interchangeable Electronics Unit of the already type approved Wave II monitors.

In addition to being a stand-alone box computer, the PERFORMANCE Box can also be added on the back of a standard Wave II monitor to make up a Panel- PC (PPC); constituting the Wave PERFORMANCE Monitor. Extensive versatility allows for tailoring your optimal connections, SSDs, Memory and special features. Designed for 10 years of manufacturing, the Wave PERFORMANCE Box is boasting powerful 8th Generation Intel® Core™ Processors. All Wave PERFORMANCE Boxes will remain fanless with low power consumption.

### Wave PERFORMANCE Box short-spec:

TECHNICAL DATA				
CPU	Celeron 4305UE	i3-8145UE	i5-8365UE	i7-8665UE
Passmark score*	2010	4181	5243	6587
Cores / Threads	2 / 2	2 / 4	4 / 8	4 / 8
Clock Speed / Turbo Speed	2.2 GHz	2.2 GHz / 3.9 GHz	1.6 GHz / 4.1 GHz	1.7 GHz / 4.4 GHz
CPU TDP	15W	15W	15W	15W
Graphics	Intel® UHD Graphics 620			
SSD	1 x M2 key B (type 2280/2242/3042) + 2 x SATA 3.0/SATADOM, configurable size. Std config: 120 GB.			
RAM	Two memory sockets: SO-DIMM non-ECC DDR4, data rates up to 2400 MT/s. Maximum 64 GB capacity (32GB each). Standard configuration: 8 GB total.			
Ethernet	1x 2.5 Gigabit + 1 x 1 Gigabit standard. 4 x 10/100/1000 optional (factory configuration).			
Video outputs	2 x Display Port .			
USB	2 x USB 3.1 Type A + 2 x USB 2.0 Type A.			
Serial interface	2 x RS232/RS485/422 (factory configuration) + 2 x RS232 (D-SUB)			
Sound / Buzzer	Line in + Line out (mini Jack), Output for external speaker available.			
Power input	90-264 VAC (IEC Inlet) or 18-36 VDC (screw connector). AC/DC multipower optional.			
TPM	Firmware TPM 2.0 (Intel PTT) / Discrete TPM 2.0 (Infineon SLB9670).			
OS supported	Linux and Windows			

\* Indicative performance indicator.

Being form and fit identical with the Wave II monitors, the **Wave PERFORMANCE** versions retain all the benefits from the modular design offering the same unprecedented configuration and mounting flexibility. In fact the SWAP solution allows you to upgrade from a monitor to a PERFORMANCE Monitor simply by exchanging the Electronics Unit, meaning you can have your PERFORMANCE version for any sized monitor – in both touch and non-touch versions.

### Wave PERFORMANCE Monitor short-spec:

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 <sup>2</sup>	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	1500 cd/ m <sup>2</sup>	350 cd/m <sup>2</sup>	500 cd/m <sup>2</sup>
Response time	20 ms	20 ms	16 ms	25 ms	25 ms	12 ms	10 ms
Contrast Ratio	1000:1 (typ)	2000:1 (typ)	5000:1 (typ)	3000:1 (typ)	5000:1 (typ)	3000:1 (typ)	3000:1 (typ)
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 until 50 % backlight reduction						
Dimming range	0 - 100 %						