

Industrial Panel PC ES Series Stainless IP65

38,1 cm (15") to 54,6 cm (21,5") Stainless Industrial Panel PC Intel® Core™ i5 (7th Gen. / Kaby Lake) IP65 Protection Fanless



- Touchscreen optional
- rugged stainless steel housing NEMA4
- IP65 protected all around incl. interfaces
- VESA mounting interface



The rugged and easy to clean stainless steel housing is protected against dirt and water, all interfaces included, according to IP65. (Cables with IP65-protected connectors are included)
Perfect for applications in: food industry, process engineering, pharmaceutical industry, medical technology, plant construction etc.

PERFORMANCE

CPU (Intel® Mobile)	Core™ i5-7200U (2 x 2,5 GHz) (7 th Generation / Kaby Lake)
System memory	4 GB (max. 16 GB) DDR4 SO-DIMM
Power input	12 V _{DC} on request 9~36 V _{DC}
Power supply	incl. external, 100–240 V _{AC}
Power consumption	52–66 W

SYSTEM

Chipset	Intel® System on Chip
Operating system	Windows 10 IoT Enterprise
Ethernet	1 x Gigabit Ethernet (+ 1 x internal), Intel® I211AT + PHY I219LM
Graphics	Intel® HD Graphics 620
Audio	Realtek® ALC283 HD (internal)

INTERFACES

Cables with IP65-protected connectors included	
Power	12 V _{DC} input
RS-232	1 x COM
USB	2 x USB 2.0 (via Y-cable)
Ethernet	1 x RJ-45

DRIVES

Solid-state drive	64 GB (max. 256 GB) M.2 B Key SATAIII
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LCDs

15 =	38,1 cm (15") 4:3	1024 x 768 (250 cd/m ² , 700:1)
17 =	43,2 cm (17") 4:3	1280 x 1024 (350 cd/m ² , 1000:1)
19 =	48,3 cm (19") 4:3	1280 x 1024 (250 cd/m ² , 1000:1)
22W =	54,6 cm (21,5") 16:9	1920 x 1080 (250 cd/m ² , 1000:1)
Backlight	LED	
Touchscreen	optional	Resistive 5-Wire
Optical bonding	optional	with anti-moisture treatment

CONSTRUCTION

Material	Stainless steel, NEMA4 Anti-corrosion treatment	
Dimensions / weight	15	384 x 311 x 61 mm / 6,6 kg
	17	416 x 350 x 61 mm / 8,6 kg
	19	460 x 385 x 63 mm / 10,2 kg
	22W	550 x 340 x 65 mm / 12 kg
Mounting	≤ 19	VESA 100 x 100 mm
	22W	VESA 200 x 100 mm
Cooling	fanless	
Controls	Power on/off, reset	

QUALITY / TESTS

Ingress protection	full IP65 dust / water resistant
Burn-in stress test	min. 24 hours
Production	ESD protected
Quality management	according to ISO 9001:2008
Environmental management	according to ISO 14001:2004
Operating temperature	0–45° C
Warranty	24 months
Service Packages	Tests, installations, adjustments, long-term availability etc. as desired

