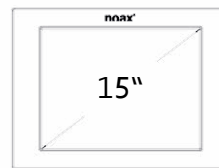
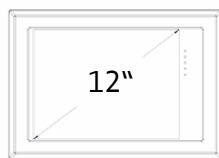


Stainless Steel Industrial PCs for Food & Hygiene

S12 & S15



2 x 360°
Waterproof



Stainless steel
HACCP & IFS



Hygienic
design



Splinterguard

Technical Data S12 & S15



● standard | ○ optional | - not available

		S12	S15
Hygienic Design	Completely sealed Material: V2A stainless steel (1.4301) polished	●	●
Display	30.7 cm / 12.1" TFT display (LED) XGA (1024x768) – 500 cd/m ² 38.1 cm / 15.0" TFT display (LED) XGA (1024x768) – 500 cd/m ²	●	-
Touch	Analog resistive touchscreen Can be operated with hands or gloves Protection against glass shards with double-layer film Protective film for touchscreen	●	●
Dimensions WxHxD	14.3x10.0x3.0 [inch] / 364x254x78 [mm] ca. 13.2 lbs / 6.0 kg 16.6x12.3x3.8 [inch] / 424x313x98 [mm] ca. 18.7 lbs / 8.5 kg	●	-
Mounting	VESA 75, VESA 100 Mounting bracket	○	○
CPU	Intel Celeron G4932E (2 Cores / 2 Threads, max. 1,9 GHz) Intel Core i3-9100HL (4 Cores / 4 Threads, max. 2,9 GHz) Intel Core i7-9850HL (6 Cores / 12 Threads, max. 4,1 GHz)	●	●
Memory	4 GB (DDR4-2666) Up to 64 GB (DDR4-2666, Dual Channel, 2 SO-DIMM-socket)	●	○
Graphics controller	Intel UHD Graphics 610 Intel UHD Graphics 630	●	●
Hard disk	120 GB SSD Up to 1 TB SSD	○	○
Network & wireless	LAN 1: Intel® i210 10/100/1.000 MBit (RJ45) LAN 2: Intel® i210 10/100/1.000 MBit (RJ45) WLAN (802.11 a/b/g/n/ac, Wi-Fi 5) BT 5	●	●
Interfaces	2 x USB 3.1 Gen2 4 x USB 3.1 Gen1 1 x USB 2.0 (internal) 1 x external Service-USB 1 x DisplayPort (Monitor) 2 x RS232 (COM 1, COM 2) 2 x RS232 (5VDC/12VDC to PIN9) 2 x RS422/485 (COM 1, COM 2) 1 x LPT (ECP, EPP or SPP compatible)	●	●
Expansions	2 x Slots for expansion cards (up to 200 mm long), either as 1 x PCI and 1 x PCIe x4 ¹⁾ 2 x PCIe x4 ¹⁾	○	○
MCU & nSMART	Dedicated microcontroller for system monitoring & energy management Automatic brightness control & energy saving features Temperature & power supply monitoring, event log and more Many customizable settings which are transferable to other units	●	●
Special functions	TPM 2.0	●	●
Input voltage	24 VDC (18-30 VDC) 100-240 VAC (external power supply) 100-240 VAC (internal power supply) ²⁾ 9-160 VDC with external DC/DC converter	○	○
Environment	Operating temperature range 32 to 104 °F (0 to 40 °C) Extended operating temperature 14 to 104 °F (-10 to 40 °C) Extended operating temperature -22 to 122 °F (-30 to 50 °C) Storage temperature -4 to 140 °F (-20 to 60 °C)	●	●
Certifications	IP66 external certified (with suitable connector cover)	●	●
Approvals	CE FCC	●	●
Operating Systems	Windows® 10 Windows® IoT Linux	○	○

¹⁾ The PCI x4 Slots can accommodate x1, x8 and x16 cards

²⁾ All units with the internal power supply option allow for one of the two PCI(e)-slots to be available as low profile



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