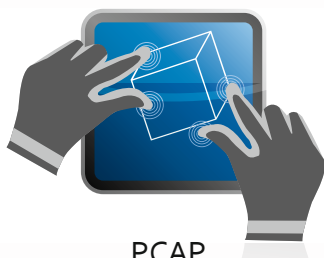




2 x 360°
Waterproof



PCAP



Intel
Inside



Cold and
heat resistant

Technical Data Automation Series

● standard | ○ optional



Display	10.4" / 26.4 cm TFT display (LED) XGA (1024x768) - 470 cd/m ² 12.1" / 30.7 cm TFT display (LED) XGA (1024x768) - 500 cd/m ² 15.0" / 38.1 cm TFT display (LED) XGA (1024x768) - 400 cd/m ² High brightness display > 1.200 cd/m ²	○ ○ ○ ○
Touch	Projected capacitive touchscreen Multi-touch operation Can be operated with hands or gloves Strengthened 3 mm cover glass Protective film for touchscreen	● ● ● ● ○
CPU & RAM	Intel Atom® x5-E3940 Quad-Core, 4 GB RAM Intel Atom® x7-E3950 Quad-Core, 8 GB RAM	● ○
Storage medium	Solid State Disk, 16 GB Solid State Disk, 64 GB Solid State Disk, 128 GB	● ○ ○
Network & wireless	LAN: Intel 10/100/1000 Mbit (RJ45) WLAN (802.11 a/b/g/n/ac, Wi-Fi 5, internal antennas) WLAN (802.11 a/b/g/n/ac, Wi-Fi 5, external antennas) BT 4.2 LTE network/WWAN GPS/Galileo enabled	● ○ ○ ○ ○ ○
Interfaces	RFID (EM4x02, Hitag1+2™, Legic®, Mifare®, ISO14443A+B, HID Prox) 1x USB 3.0, 2x USB 2.0 1x external Service-USB (option to deactivate) 1x RS232 1x RS232, 5VDC/12VDC on PIN9	● ○ ○ ○ ○
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 transferrable to other units 3 function keys, easily programmable with nSMART, macro-capability	● ● ● ● ●
Input voltage	24 VDC, (18-30 VDC) 100-240 VDC, (external power supply) 10-160 VDC with external DC/DC converter	○ ○ ○
Housing	Completely sealed Material: aluminum enclosure Surface: fine structure paint finish	● ● ●
Dimensions WxHxD	11.1x9.3x2.2 [inch] / 282x237x56 [mm], ca. 7.3 lbs / 3.3 kg 12.5x10.2x2.2 [inch] / 318x258x56 [mm], ca. 9.0 lbs / 4.1 kg 15.2x12.8x2.4 [inch] / 387x325x62 [mm], ca. 13.4 lbs / 6.1 kg	○ ○ ○
Mounting	VESA 75 RAM Mount Mounting bracket, keyboard bracket	○ ○ ○
Environment	Operating temperature range 32° to 113° F [0° to 45° C] Extended operating temp. -22° to 113° F [-30° to 55° C] Storage temperature -22° to 140° F [-30° to 60° C]	● ○ ○
Approvals & Certifications	IP66 external certified (with suitable connector cover) Shock & vibration: DIN EN 60721-3-5 : 1998-06 - class 5M3 CE, FCC	● ● ●
Operating systems	Windows® 10, Windows® 10 IoT, IGEL	○

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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