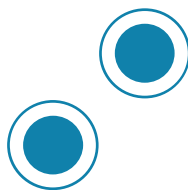


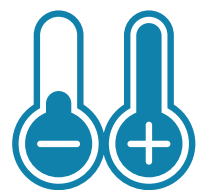
Stable  
Wi-Fi



Reliable  
Multi-Touch



Intuitive Glove  
Operation



Cold & Heat  
Resistant

# Technical Data Logistics Series

● standard | ○ optional



Display	10.4" / 26.4 cm TFT display (LED) XGA (1024x768) - 470 cd/m <sup>2</sup> 12.1" / 30.7 cm TFT display (LED) XGA (1024x768) - 500 cd/m <sup>2</sup> 15.0" / 38.1 cm TFT display (LED) XGA (1024x768) - 400 cd/m <sup>2</sup> High brightness display > 1.200 cd/m <sup>2</sup>	○ ○ ○ ○
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® x6425RE Quadcore-Processor, 8 GB RAM	●
Storage medium	Solid State Disk, 32 GB (eMMC) Solid State Disk, 64 GB Solid State Disk, 128 GB	● ○ ○
Network & wireless	LAN: Intel 10/100/1000 Mbit (RJ45) Wi-Fi (802.11 a/b/g/n/ac/ax, Wi-Fi 6, internal antennas) Wi-Fi (802.11 a/b/g/n/ac/ax, Wi-Fi 6, external antennas) BT 5.2 LTE network/WWAN GPS/Galileo enabled RFID (EM4x02, Hitag1+2™, Legic®, Mifare®, ISO14443A+B, HID Prox)	● ● ● ● ○ ○ ○ ○
Interfaces	1x USB 3.0, 2x USB 2.0 1x external service USB (deactivatable) 1x RS232 1x RS232, 5VDV/12VDC on PIN9 Audio with stereo speakers	● ● ○ ○ ○ ○
nSMART MCU	noax software tool for configuration, monitoring and evaluation 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 transfeable to other units 3 function keys, easily programmable with nSMART, macro-capability	● ● ● ● ● ● ● ●
Input voltage	9-32 VDC (with isolation) 18-60 VDC (with isolation) 9-60 VDC (with isolation) Internal battery UPS (runtime up to over 1 hour) Ignition - Input (IGN) with deep sleep function Programmable signal input	● ○ ○ ○ ○ ○ ○
Housing	Completely sealed Material: Housing made of aluminum with fine structure paint	● ●
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	● ○ ○ ○ ○
Enviroment	Operating temperature range 32° to 113° F [0° to 45° C] Extended operating temp. -22° to 131° 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® 11 IoT Enterprise LTSC	○



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