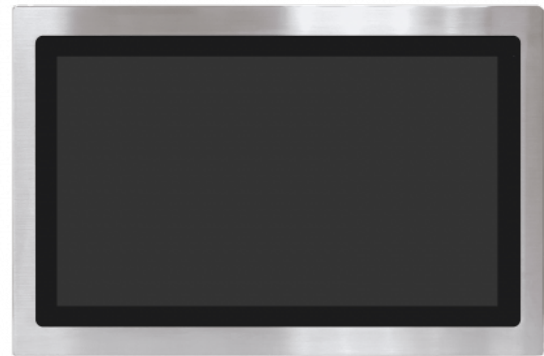


Waterproof Panel Mount HMI PC 7200 Series



Highlights

The world's first IP69K high pressure proof HMI for panel mounting that withstands both intensive spray down and high pressure cleaning. Integrate this product in cabinets or other existing automation equipment securing the increasing requirements for hygiene and safety in the food industry.

Screen sizes from 7" to 21.5" with auto-calibrated multi touch technology and a very elegant true-flat design. Obtain 24/7 operational reliability with low power consumption, passive cooling and no moving parts.

Reduce cost and time spending with our global partner model based on your specific requirements. Let Blue Line take responsibility for delivery on time. Blue Line's ultimate goal is to help our customers get peace of mind by handling all relevant details such as securing the right configuration, software setup, mounting, packaging, labeling etc. Ask for references from your industry.

- Food / wet environment
- Integration in control cabinets / machines
- IP66 / IP69K waterproof front bezel
- Stainless steel AISI 304 / 316L
- 7" to 21.5" multi touch display
- Up to full HD resolution 1920 x 1080
- Available with or without touch
- Integrated PC / client
- Intel Core i3 / i5 / Celeron
- Fanless operation
- ThinManager support
- Windows 7 / 8 / 10
- Food safety standards EN 1672-2 and NFS / ANSI / 3-A
- Customisation according to your requirements



BLUE LINE
IT for Demanding Environments

- has more than 30 years experience
- delivers reliable IT solutions for demanding environments
- builds compact and high performance solutions
- focuses on long duration, 24/7-operation, and ruggedness
- is ISO 9001:2015-certified
- is known for providing the best assistance and services in all phases.

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Specifications

Model Type

HMI stainless steel Panel PC

Construction

Front bezel stainless steel AISI304
Option for acid resistant stainless steel AISI316L

Cooling

Fanless

Ingress Protection

IP66/IP69K waterproof front bezel

Environment

	7", 10.1", 12.1", 15.6"	15", 17", 19"	21.5"
Operating temperature	0°C to +50°C	0°C to +50°C	0°C to +50°C
	option for -20°C to +60°C		0°C to +40°C for high brightness model
Storage temperature	-30°C to +70°C	-20°C to +60°C	-20°C to +60°C
Humidity	10 to 90% @ +40°C (non-condensing)	10 to 90% @ +40°C (non-condensing)	10 to 90% @ +40°C (non-condensing)

Certification

CE / FCC
Class A

Display

7"	800 x 480, 5:3, WVGA	color TFT LCD
10.1"	1280 x 800, 16:10, WXGA	color TFT LCD
12.1"	800 x 600, 4:3, SVGA (option for 1024 x 768, 4:3, XGA)	color TFT LCD
15"	1024 x 768, 4:3, XGA	color TFT LCD
15.6"	1366 x 768, 16:9, WXGA (option for FHD)	color TFT LCD
17"	1280 x 1024, 5:4, SXGA	color TFT LCD
19"	1280 x 1024, 5:4, SXGA	color TFT LCD
21.5"	1920 x 1080, 16:9, FHD	color TFT LCD

Touch

Projected capacitive multi touch (supports gloves)
Anti Shatter Film for projected capacitive multi touch (optional)
Resistive touch (optional)
No touch (optional)
Optical bonding (optional)

Brightness

7"	350 nits (option for 1000 nits)
10.1"	350 nits (option for 500 / 1000 nits)
12.1"	450 nits (option for 500 / 1000 nits)
15"	420 nits (option for 1000 nits)
15.6"	300 nits (option for 1000 nits)
17"	350 nits (option for 1000 nits)
19"	350 nits (option for 900 nits)
21.5"	250 nits (option for 1000 nits)

Colors

7"	262K
12.1"	16.2M
10.1", 15", 15.6", 17", 19", 21.5"	16.7M

Viewing Angle

140/110 - 178/178

Processor

7" to 21.5"	Intel Celeron N2930 1.83GHz
12", 15", 15.6", 17", 19", 21.5"	Intel Core i3-6100U 2.3GHz
	Intel Core i5-6300U 2.4GHz

Chipset

SoC

RAM

Intel Celeron N2930	4GB / 8GB DDR3L SDRAM
Intel Core i3 / i5	4GB / 8GB / 16GB DDR4 SO-DIMM



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Storage

7"	1 x slim 1.8" SSD	1 x internal SD slot
10.1"	1 x 2.5" SATA SSD / HDD	1 x internal SD slot
12", 15", 15.6", 17", 19", 21.5"	1 x 2.5" SATA SSD / HDD	

Rear Input / Output

- 2 x USB 3.0 type A
- 1 x RS-232/422/485
- 1 x RS232, 2 x GbE LAN
- 1 x line out
- 1 x 3-pin DC power input terminal
- 1 x 2-pin connector for power on/ off button

Expansion

- 1 x Mini PCIe slot

Operating System

- Windows 7 / 8 / 10
- Windows Embedded 7 / 8
- Windows 10 IoT Enterprise
- Linux

Thin Client

- ThinManager, Microsoft Remote Desktop (RPD), NoTouch OS, VNC, Citrix and others

Power Supply

- +9 to +36V DC-in by terminal block

Power Consumption

- 12W to 53W

Mounting

- 7" Panel mounting / VESA 75*
- 10" to 21.5" Panel mounting / VESA 100*
- *The screen must be mounted from the back

Dimension and Weight

7"	H 163 x W 217 x D 40mm Cut-out: H 138 x W 192mm	1.1kg
10.1"	H 200 x W 296 x D 46.9mm Cut-out: H 176 x W 272mm	2.5kg
12.1"	H 257 x W 331 x D 52mm Cut-out: H 229 x W 303mm	3.4kg
15"	H 322 x W 422 x D 54.1mm Cut-out: H 292 x W 392mm	5.1kg
15.6"	H 289.5 x W 424 x D 58.1mm Cut-out: H 259.5 x W 394mm	5.4kg
17"	H 398 x W 485 x D 63.8mm Cut-out: H 331 x W 422mm	6.4kg
19"	H 388.6 x W 470 x D 60mm Cut-out: H 362 x W 450mm	7.7kg
21.5"	H 378.8 x W 573.8 x D 59.8mm Cut-out: H 344 x W 539mm	8kg

Accessories Included

- AC to DC power adapter with terminal block
- Panel mount kit

Accessories Optional

- Wall mount kit
- WIFI / BT module and Antenna kit
- 4G LTE modem and Antenna kit
- RFID 13.56MHz reader module integrated in design
- 2 x COM(RS-232)
- 2 x COM(RS-232/485, isolated)
- 2 x CAN
- 1 x LAN + 2 x USB 2.0
- 1 x LAN 45W PoE + 2 x USB 2.0

Warranty and After Sales Support

- Standard 1 year (option for 3 years)

Ordering Information

- 510

