

# Waterproof HMI Panel PC 7500 Series

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## Highlights

A waterproof stainless steel HMI Panel PC for industries with extensive cleaning and spray down. The fully sealed enclosure is IP66 dust and waterproof as well as IP69K high pressure proof that exceeds NEMA 4X rating enabling the market's fastest and most complete cleaning.

Designed for 24/7 operation, with low power consumption, passive cooling and without moving parts for maximum operational reliability. Screen sizes from 10" to 24" with auto-calibrated multi touch technology for seamless operation.

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.

- Waterproof HMI Panel PC for Food / Life Science / Chemical
- IP69K high pressure waterproof PC
- Stainless steel AISI 304 or 316L
- 10" to 24" multi touch display
- Up to full HD resolution 1920 x 1080
- Touch on/off button on the side
- Integrated PC / client
- Intel Core i3 / i5 / Celeron
- Fanless operation
- ThinManager support
- Windows 7 / 8 / 10 /11
- Flexible VESA mounting
- Large range of options



**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.

# Waterproof HMI Panel PC 7500 Series

## Specifications

### Model Type

HMI stainless steel Panel PC

### Construction

Fully sealed enclosure in stainless steel AISI 304  
Optional acid resistant stainless steel AISI 316L

### Cooling

Fanless

### Ingress Protection

IP66/IP69K

### Environment

Operating temperature 0°C to +50°C  
(For sizes 10", 12", 15", 15.6", 17", 19"  
option for -20°C to +60°C)  
Storage temperature -30°C to +70°C  
Humidity 10 to 90% @ +40°C, (non- condensing)

### Certification

CE / FCC CLASS A

### Display

10.1"	1280 x 800, 16:10, WXGA	color TFT LCD
12.1"	800 x 600, 4:3, SVGA	color TFT LCD
15"	1024 x 768, 4:3, XGA	color TFT LCD
15.6"	1366 x 768, 16:9, HD (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
24"	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

10.1"	350 nits
12.1"	450 nits
15"	420 nits
15.6"	300 nits
17"	350 nits
19"	350 nits
21.5"	300 nits
24"	250 nits
All sizes	Option for high brightness 1000 nits

### Colors

16.7M

### Viewing Angle

160/160 - 178/178

### Processor

10.1" to 24"	Intel Celeron N2930 4C/4T 1.83GHz Intel Celeron J6412 4C/4T 2.0GHz
15" to 24"	Intel Core i3-8145UE 2C/4T 2.2GHz Intel Core i5-8365UE 4C/8T 1.6GHz

### Chipset

Integrated SoC

### RAM

Intel Celeron N2930	Onboard 4GB DDR3L (option for 8GB)
Intel Celeron J6412	1 x DDR4 SO-DIMM socket, max 32GB 3200MHz
8th Gen Core i3/i5	2 x DDR4 SO-DIMM socket, max 64GB 2400MHz



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## Storage

Celeron & Core CPU	1 x 2.5" SATA HDD / SSD
Celeron J6412	1 x M.2 B-Key 2242 SATA
8th Gen Core i3/i5	1 x M.2 B-Key 2280 SATA/PCIe

## Rear Input / Output

- 1 x M12 8pin for LAN
- 1 x M12 8pin for 2 x USB 2.0 (option for USB 3.0)
- 1 x M12 3pin for DC power
- 1 x M12 8pin for COM1/RS-232/422/485
- 1 x Power switch
- All connectors come with waterproof cap

## Expansion

Celeron & Core	1 x Mini PCIe slot for WIFI/BT (optional)
Celeron J6412 & 8th Gen Core i3/i5	1 x M.2 E-Key 2230

## Special Function

- Touch on/off button on the side edge for hygienic cleaning

## Operating System

- Windows 7 / 8 / 10 / 11\*
- Windows 10 IoT Enterprise
- Linux
- \*Celeron N2930 don't support Windows 11

## Thin Client

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

## Power Supply

- +9V to +36V DC-in by M12 3-pin

## Power Consumption

- Max 43W

## Mounting

10.1" to 17"	VESA 75
19" and 21.5"	VESA 100
24"	VESA 200 x 100
All sizes	Yoke

## Dimension and Weight

10.1"	H 220 x W 300 x D 53mm	4kg
12.1"	H 265 x W 335 x D 53mm	5kg
15"	H 324 x W 399 x D 53mm	7.4kg
15.6"	H 290 x W 440 x D 55mm	7kg
17"	H 358 x W 432 x D 55.3mm	8kg
19"	H 388.6 x W 470 x D 60mm	9.5kg
21.5"	H 362 x W 571 x D 55mm	10kg
24"	H 423 x W 656 x D 53mm	12.6kg

## Accessories Included

- AC to DC power adapter with M12
- USB Y-cable (From M12 to two USB female)

## Accessories Optional

- Stainless steel table stand (only available for 15" to 21.5")
- Stainless steel yoke mount
- Stainless steel wall mount with tilt
- Stainless steel tube mount
- M12 LAN cable 3m / 10m /15m
- RFID reader module integrated in design
- WIFI / BT modul
- 2 x Optional M12 Connector for 2 x USB 2.0 or 1 x USB 3.0 or 1 x LAN or 1 x PoE LAN or 1 x COM or 1 x CAN
- IP65 Waterproof power adapter AC input +90 ~ +305V, DC output +24V, 60W, power cord type G (EU type) or B (US type)

## Warranty and After Sales Support

- Standard 1 year (option for 3 years)

## Ordering Information

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