

Waterproof HMI Panel PC 7500 Series



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
- 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 1.83GHz
15" to 24"	Intel Core i3-6100U 2.3GHz Intel Core i5-6300U 2.4GHz

Chipset

Integrated SoC

RAM

10.1" to 24"	4GB / 8GB DDR4 SO-DIMM
15" to 24"	4GB / 8GB / 16GB DDR4 SO-DIMM

Storage

1 x 2.5" SATA HDD / SSD

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

1 x Mini PCIe slot for WIFI/BT (optional)



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Special Function

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

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

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

Power Consumption

Max 42W

Mounting

10.1" to 17"	VESA 75
19", 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	7.1kg
15.6"	H 290 x W 440 x D 55mm	5.2kg
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 656 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
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

507-1

