

Waterproof HMI Panel PC 7500 Series



BLUE LINE
IT for Demanding Environments

Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark
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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.



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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 10 /11 & Linux
- Flexible VESA mounting
- Large range of options

Specifications

Model Type

Waterproof HMI stainless steel Panel PC

Construction

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

Cooling



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Fanless

Ingress Protection

IP66/IP69K

Environment

	0°C to +50°C
Operating temperature	(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

Intel 8th Gen Core i3/i5	UL
Intel Celeron J6412, 8th Gen, 12th Gen Core i3/i5	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)



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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 J6412 4C/4T 2.0GHz
	Intel Core i3-8145UE 2C/4T 2.2GHz
15" to 24"	Intel Core i5-8365UE 4C/8T 1.6GHz
	Intel Core i3-1215U 6C/8T 3.3GHz
15", 17", 19" & 21.5"	Intel Core i5-1235U 6C/12T 3.3GHz

Chipset

Integrated SoC

RAM

Intel Celeron J6412	1 x DDR4 SO-DIMM socket, max 32GB 3200MHz
8th / 12th Gen Core i3/i5	2 x DDR4 SO-DIMM socket, max 64GB 2400MHz



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Storage

Celeron J6412	1 x M.2 B-Key 2242 SATA
8th Gen Core i3/i5	1 x M.2 B-Key 2280 SATA/PCIe & 1 x 2.5" SATA HDD / SSD
12th Gen Core i3/i5	1 x M.2 B-Key 2280 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

8th Gen Core i3/i5	1 x Mini PCIe slot for WIFI/BT (optional)
Celeron J6412 & 8th / 12th Gen Core i3/i5	1 x M.2 E-Key 2230
12th Gen Core i3/i5	1 x M.2 2402/3052 B-Key (PCIe x1, USB3.2 Gen1)

Special Function

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

Operating System

Windows 10 / 11
Windows 10 / 11 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



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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)



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Warranty and After Sales Support

Standard 1 year (option for 3 years)

Ordering Information

507-1



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