HMI Panel PC for Cleanroom



BLUE LINE
IT for Demanding Environments

Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark
T +45 8678 5000 | www.blue-line.com

HMI Panel PC for Cleanroom

THINMANAGER
A ROCKWELL AUTOMATION TECHNOLOGY





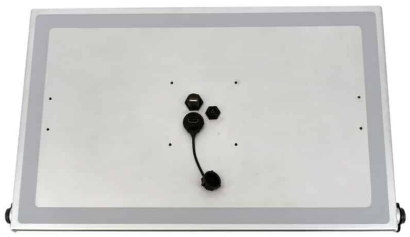




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Highlights

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HMI Panel PC for Cleanroom

OP 215 Panel PC for cleanroom with integrated computing solution designed for cleanroom environments. This all-in-one stainless steel panel PC combines processing capabilities with cleanroom-compatible design, removing the need for separate computing units while maintaining cleanliness standards.
Cutting-edge touch technology works with gloves improving workflow and productivity. A typical use case would be three layers of gloves, one layer of cotton gloves and two layers of nitrile/latex or silicone gloves. It is also possible to combine with thicker safety gloves. The multi touch display provides auto calibration for seamless operation.

Blue Line's HMIs are designed for 24/7 operation, with a low power consumption, passive cooling and without moving parts for maximum operational reliability.

Available as monitor or with integrated PC, thin client or KVM. Mounting is possible on walls, machines, control cabinets as well as with a large range of supporting arms. Blue Line's modular design makes it possible to configure fully to specific requirements to functionality, finish and environment.

Blue Line's modular design makes it possible to configure to specific needs in functionality, finish and environment. Get free advice from our experts and let us set up a Teams meeting for an online demo and Q&A. Benefit from our experience and knowledge based on numerous installations in biotech and pharmaceutical sites around the world.

- Life Science / GMP / FDA environment
- Stainless steel AISI 304 or 316L
- Easy to clean & disinfect
- Designed for use with selected cleaning agents and disinfectants commonly used in cleanroom environments.
- Designed for pharmaceutical cleanroom environments
- 21.5“ and 24" PCAP multi touch display
- Operable with up to 3 layers of cleanroom gloves
- Full HD resolution 1920 x 1080
- IP65 dust and waterproof
- Integrated PC / client
- Fanless operation
- Optional Nymi ready - integrated reader
- ThinManager support
- Windows 10 / 11 & Linux
- Wide range of options: USB, LAN, serial, reset

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HMI Panel PC for Cleanroom

- Flexible mounting VESA / wall / pipe / swivel arm / gas arm
- Long product life cycle
- Customisation according to your requirements

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

IP65

Environment

Operating temperature	0°C to +50°C
Storage temperature	-30°C to +70°C
Humidity	10 to 90% @ 40°C, non-condensing

Certification

CE

Display

21.5"	1920 x 1080, 16:9, FHD	LCD
24"	1920 x 1080, 16:9, FHD	LCD

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Touch

Projected capacitive multi touch (supports gloves)

Brightness

300 nits

Viewing Angle

178/178

Processor

Intel Celeron J6412 4C/4T, 2.0GHz (Turbo 2.6GHz)

Intel Core i5 8365UE

Chipset

Integrated SoC

RAM

Celeron J6412	Max 32GB
Core i5-8365UE	Max 32GB

Storage

1 x SSD up to 2TB

Front Input / Output

Option for:	USB ports
	COM ports
	Reset
	All connectors come with waterproof cap
	Nymi ready - integrated reader

Rear Input / Output

1 x Gbe LAN (2 x LAN optional)

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HMI Panel PC for Cleanroom

1 to 4 x USB ports
COM ports optional
1 x Power input
All connectors come with waterproof cap

Expansion

WIFI/Bluetooth (optional)

Operating System

Windows 10 / 11
Windows 10 / 11 IoT Enterprise
Linux

Thin Client

Available as ThinManager® Ready with integrated Blue Line FPC-3100 client
Dual boot with Windows and ThinManager® is available upon request

Power Supply

+90 to + 264V AC-input
Option +10V to +36V DC-input

Power Consumption

Max 40W

Mounting

VESA 100
Stainless steel supporting arm
Stainless steel tube mount
Stainless steel desktop stand
Other options available according to requirements

Dimension and Weight

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21.5"	H 358 x W 567 x D 50mm	12.3kg
24"	H 406 x W 639 x D 52mm	

Accessories Optional

Stainless steel scanner bracket
Stainless steel scanner bracket
Antibacterial mouse
Antibacterial keyboard
Combine with Mobile Operator Station
Other options available according to requirements

Warranty and After Sales Support

Standard 1 year (option for 3 years)

Ordering Information

1560

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