HMI Panel PC for Cleanroom

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Highlights

Slim, elegant stainless steel HMI for cleanroom. Very easy to clean and disinfect due to smooth sides, rounded edges and a flat, smooth front. Withstands all known cleaning agents and disinfectants.

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.

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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

• Withstands all known detergents: iso-propyl alcohol, non-deionized water, VHP, Spor-Klenz™, Klercide, Actisan, LpH®, Vesphene® and more

• Meets all cleanroom, GMP and FDA requirements

• 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

• Flexible mounting VESA / wall / pipe / swivel arm / gas arm

• Long product life cycle

• Customisation according to your requirements

HMI Panel PC for Cleanroom

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 / FCC CLASS A

Display

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

Touch

Projected capacitive multi touch (supports gloves)

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

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Expansion

WIFI/Bluetooth (optional)

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

+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

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