

# 19" Operator Station for Cleanroom - integrated pc



## Highlights

All-in-one stainless steel HMI with integrated keyboard for operation in cleanroom. Very easy to clean and disinfect due to smooth sides, rounded edges and a flat, smooth front. Crafted from AISI 316L stainless steel withstanding all known cleaning agents and disinfectants.

Both the touch screen and touch keyboard supports up to three layers of gloves and is auto-calibrated for seamless operation. This technology is chosen by leading pharmaceutical manufacturers, because traditional keyboards break down and cannot be cleaned completely thus compromising regulatory requirements.

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. Blue Line's modular design makes it possible to configure fully to specific requirements to functionality, finish and environment.

- Life Science / GMP / FDA environment
- Stainless steel AISI 316L
- Integrated touch keyboard
- 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
- 19" PCAP touch display
- Operable with up to 3 layers of cleanroom gloves
- Display resolution 1280 x 1024
- IP65 dust and waterproof
- Integrated PC / client
- Option for integration of customers client
- Fanless operation
- Windows 7 / 8 / 10
- Wide range of options: USB, LAN, serial, reset, barcode reader
- Flexible mounting wall / pipe / swivel arm
- Long product life cycle
- Customisation according to your requirements



**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.

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## Specifications

### Model Type

HMI stainless steel operator station

### 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

19" 1280 x 1024, 5:4, SXGA TFT LCD panel

### Touch

Projected capacitive touch (supports gloves)

### Brightness

300 nits

### Viewing Angle

160/160

### Keyboard

103 keys  
Flat glass capacitive touch surface including touchpad  
Numeric keypad  
DIN 42115 chemical resistance  
Various language layouts available

### Processor

Intel Atom Bay Trail E3845 quad core, 1.9GHz

### Chipset

Integrated SoC

### RAM

4GB DDR3L onboard  
1 x 4 to 8GB DDR3L SO-DIMM

### Storage

1 x 2.5" SSD

### Front Input / Output

Option for: USB 2.0 ports  
COM ports  
Barcode reader  
All connectors come with waterproof cap

### Rear Input / Output

1 x Gbe LAN (2 x LAN optional)  
1 to 4 x USB 2.0 ports  
1 x Power input  
COM ports optional  
All connectors come with waterproof cap

### Operating System

Windows 7 / 8 / 10  
Windows Embedded Standard 7 / 8  
Windows 10 IoT

### Thin Client

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

### Power Supply

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

### Power Consumption

Max 40W



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## Mounting

Wall / top / pipe

Other options available according to requirements

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## Dimension and Weight

19"            H 550 x W 566.2 x D 300mm            22kg

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## Warranty and After Sales Support

Standard 1 year (option for 3 years)

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## Ordering Information

1050

