Cleanroom HMI Panel PC – 8000 series



BLUE LINE
IT for Demanding Environments

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

Cleanroom HMI Panel PC – 8000 series









BLUE LINE
IT for Demanding Environments

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

Cleanroom HMI Panel PC – 8000 series









Highlights

Elegant stainless steel HMI with integrated PC for life science environments in a design and construction easy to clean and disinfect. Withstands all known cleaning agents and disinfectants.
Projective multi 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. The multi touch display provides auto calibration for seamless operation.

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

Cleanroom HMI Panel PC – 8000 series

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.

When you combine Blue Line's HMIs with a supporting arm, the cables are hidden in the supporting arm, thus preventing the accumulation of bacteria.

If the product does not fully meet the requirements, Blue Line has the capability 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.

• HMI for Life Science / GMP / FDA environment

• Fully sealed enclosure in stainless steel AISI 304 or 316L

• IP66 water and dustproof

• Easy to clean and keep sterile

• Withstands all known cleaning agents and disinfectants

• 15.6", 21.5" or 24" display size (option for other sizes)

• Full HD resolution 1920 x 1080

• Projective capacitive multi touch

• Supports operation with gloves

• Integrated PC with Intel Core i3 / i5 / Celeron

• Fanless operation for maximum reliability

• Supports Windows 10 / 11

• ThinManager support

• Flexible mounting for wall, desktop, supporting arms etc.

• Cables are hidden within supporting arm

Specifications

Model Type

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

Cleanroom HMI Panel PC – 8000 series

HMI stainless steel Panel PC

Construction

Fully sealed enclosure in stainless steel AISI 304 or 316L

Cooling

Fanless

Ingress Protection

IP66 water and dustproof

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	color TFT LCD
24"	1920 x 1080, 16:9, FHD	color TFT LCD

Touch

Projected capacitive multi touch (supports gloves)

No touch (optional)

Optical bonding (optional)

Brightness

21.5"	300 nits
24"	250 nits

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

Cleanroom HMI Panel PC – 8000 series

Colors

16.7M

Viewing Angle

160/160 - 178/178

Processor

21.5"	Intel Celeron J6412 4C/4T 2.0GHz (Turbo 2.6GHz)
21.5" & 24"	Intel 8th gen. Core i3-8145UE 2C/4T 2.2GHz (Turbo 3.9GHz)
24"	Intel 8th gen. Core i5-8365UE 4C/8T 1.6GHz (Turbo 4.1GHz)

Chipset

Integrated SoC

RAM

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

Storage

Celeron & Core CPU	1 x 2.5" SATA HDD / SSD
Core	1 x M.2 B-Key 2280 SATA/PCIe

Rear Input / Output

2 x USB 2.0 (IP68)
1 x GbE LAN (IP68)
1 x DC power (IP68)

Special Function

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

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

Cleanroom HMI Panel PC – 8000 series

Operating System

Supports Windows 10 / 11
Supports Linux

Thin Client

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

Power Supply

+9V to +36V DC-input

Power Consumption

Max 42W

Mounting

VESA 100 (I/O ports in center)
Stainless steel supporting arm
Stainless steel tube mount
Stainless steel desktop stand
Stainless steel yoke mount

Dimension and Weight

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

Accessories Optional

Stainless steel scanner bracket
Cleanroom mouse
Cleanroom keyboard
Combine with Mobile Operator Station

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

Other options available according to requirements

Warranty and After Sales Support

Standard 1 year (option for 3 years)

Ordering Information

2520

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