



Secure Thin Client

A secure client platform for government, defense, and critical infrastructure

Secure Thin Client is a complete and verified client platform developed for organizations with high demands on information security, longevity and controlled operation.

The platform is delivered through a secure supply chain where hardware is verified, security sealed and configured before delivery. The result is a ready-made government workplace that can be commissioned with minimal installation time and a high level of security.

The solution is built for long-term use and can be upgraded to TEMPEST Level B if necessary.

Advantages

- Hardware accuracy delivery check
- Security seal before delivery
- Sealing of undesirable doors
- Ability to upgrade to TEMPEST Level B

Components

- 1 pcs Secure Thin Client
- 2 pcs Dell Pro 27 Plus 2K monitors
- 1 pcs Mouse Dell Pro Wired
- 1 pcs Keyboard Cherry KC 1000 with card reader
- 1 pcs AC-adapter 19V / 3,42 A, 65 W
- 2 pcs Power cable (monitor)
- 1 pcs DisplayPort Cable 0.5 m
- 1 pcs DisplayPort Cable 2 m

Recommended accessories

- Secure Video Switch 2:1

Main features

- Complete client workplace
- Dual 2K display (QHD)
- Smartcard reader
- Secure supply chain
- Port sealing
- Long product life cycle
- Prepared for TEMPEST Level B

Typical applications

- Government
- Defense
- Police
- Municipalities
- Critical infrastructure
- Security-classified office

Features

Features – Computer	Description
CPU	Intel® Core™ i3-N305
Primary memory (RAM)	16GB DDR5 SODIMM 4800 MHz
Storage (SSD)	64GB NVME M.2 SSD
Operating system support	MS Windows® 10, MS Windows® 10 IoT (LTSC), MS Windows® 11, MS Windows® 11 IoT (LTSC), Linux 64, IGEL OS
Features – 27" Monitor	Description
Screen size	27"
Aspect ratio	16:9
Optimal (recommended) resolution	2560×1440 (QHD)
Brightness (typical)	350 cd/m ² (Candela/square meter)
Contrast	1500:1
Viewing Angle (Horizontal/Vertical)	178/178°
Response time (typical)	5 ms
Panel type	IPS

Technical data

I/O Ports - Computer	Description	Ports	No
Video Output DisplayPort	DisplayPort 1.4 Ut	DisplayPort	2
Network	1 Gbps Ethernet	RJ45	1
USB	USB3.2 Gen 2	USB3.2 Type A	2
USB	USB3.2 Gen 1	USB3.2 Type A	1
Analogue audio output	Headphone output	3,5 mm female	1
Analogue audio input	Microphone input	3,5 mm female	1
Sealed I/O Ports Computer	Description	Ports	No
USB	USB3.2 Gen 1	USB3.2 Type C	1
USB	USB3.2 Gen 1	USB3.2 Type A	2
I/O Ports - 27" Monitor	Description	Ports	No
Video Input DisplayPort	Displayport 1.4 In	Displayport	1
Sealed I/O Ports 27" Monitor	Description	Ports	No
USB	USB3.2 Gen 1	USB3.2 Type A	2
USB	USB3.2 Gen 1	USB3.2 Type C	1
Video Input HDMI	HDMI 2.1 In	HDMI	1
Network	1 Gbps Ethernet	RJ45	1
Power Supply – Computer	Description		
Mains voltage	12 VDC or 19-28 VDC (supplied adapter)		
Connectivity	DC-plug		
Power consumption typical	30 W		
Power consumption max	65 W		
Power Supply – 27" Monitor	Description		
Mains voltage	100-240 VAC, 50-60 Hz		
Connectivity	IEC 320-C14		
Power consumption typical	25 W		
Power consumption max	35 W		

Mechanics and Environment – Computer	Description
Dimensions	165 x 145 x 35 (HxWxD) mm
Weight	700 gr
Operating temperature	0 °C to 40 °C, at 10-90%RH relative humidity, non-condensing
Storage temperature	-20 °C to 60 °C, at 10-90%RH relative humidity, non-condensing
Mechanics & Environment - 27" Monitor	Description
Dimensions with foot	385-536 x 612 x 192 (HxWxD) mm
Dimensions without foot	357 x 612 x 50 (HxWxD) mm
Weight with foot	6,6 kg
Weight without foot	4,6 kg
Operating temperature	0 °C to 40 °C, at 10-80%RH relative humidity, non-condensing
Storage temperature	-20 °C to 60 °C, at 10-80%RH relative humidity, non-condensing

Order Information

Main Product	Product Number
Secure Thin Client	60-00-9224
Accessories	Product Number
Secure Video Switch 2:1	60-00-9233