



- TEMPEST Level A
- RÖS U1
- Blu-Ray
- Removable SSD hard drive
- Connections for external monitors
- Integrated SS1 cabinet for easy connection of USB memory

Tower Workstation 21" TEMPEST Level A & RÖS U1

Description

Tower Workstation 21" is a TEMPEST Level A and RÖS U1 approved complete computer with integrated 21" monitor, webcam, Blu-Ray and removable hard drive.

The Workstation has connections for fiber optic 100/1000 Mbps network, USB, RS-232, audio in/out, video output and electrical USB, keyboard and mouse.

Security-enhancing features

- TEMPEST Level A SDIP-27
- RÖS U1
- Removable hard drive
- Electric USB in SS1 cabinet
- Storage media behind lockable RÖS door (padlock class 2)
- Visual and audible alarm when the RÖS hatch is open
- All storage media can be sealed with Roto-Seal
- Case Open function, physical switch that detects whether the client has been opened (read in BIOS)

Constituent components

- Computer TEMPEST Level A
- Monitor 21" TEMPEST Level A
- Keyboard TEMPEST Level A
- Mouse TEMPEST Level A
- Audio device TOSLINK/analog 3.5 mm
- HDD 2.5" 512 GB SATA SSD
- Power cable 2 m
- Win Pro 10 64-Bit Swedish

Accessories

- 21" / 27" / 32" / 55" Monitor TEMPEST Level A
- Projector TEMPEST Level A
- Color laser printer TEMPEST Level A
- Fiber switch 1x2
- USB memory 16-256 GB

Fibersystem AB develops and markets a complete range of products within RÖS and TEMPEST.

The range within RÖS and TEMPEST products includes computers, servers, printers, communication links, video projectors and screens.

I/O-port - Tower	Description	Connectors	Qty
Network 100 Mbps	Fiber optic 100 Mbps Ethernet	LC	1
Network 1 Gbps	Fiber optic 1 Gbps Ethernet	LC	1
Video out fiber optic	Fiber optic DVI Full HD 60 Hz	LC	1
Video out elektric	DisplayPort 1.2 4K 60 Hz	DisplayPort	2
USB fiber optic	Fiber optic USB 2.0	LC	4
USB elektric	Elektric USB 2.0 i SS1-cabinet	USB Typ A	2
Serial (COM-port)	Fiber optic RS-232	ST	1
Fiber optic audio out	Optic S/PDIF-stransmitter	EIAJ/JEITA RC-5720 (TOSLINK)	1
Fiber optic audio in	Optic S/PDIF-recvier	EIAJ/JEITA RC-5720 (TOSLINK)	1
Elektric audio out	Line out	3,5 mm female	1
Elektric audio in	Microphone in	3,5 mm female	1
Mouse	Mouse	LEMO	1
Keyboard	Keyboard	LEMO	1

I/O-ports - Monitor	Description	Connectors	Qty
Video in fiber optic	Fiber optic DVI Full HD 60 Hz	LC	1
Video in electric	DisplayPort 1.2 4K 60 Hz	DisplayPort	1

Features - Tower Computer	Description
CPU	Intel CPU i7-9700E
Main storage	2 x 32 GB DDR4 SDRAM 2666 MT/s
GPU	Intel UHD Graphics 630
Graphics memory max	64 GB
Hard drive	Detachable 512 GB SSD

Features - Monitor	Description
Diagonal size	21,3" (54 cm)
Display Area	432 x 324 mm (BxH)
Optimal (recommended) resolution	1600 x 1200 @ 60 Hz
Brightness (typical)	420 cd/m ² (Candela/m ²)
Contrast	1500:1
Viewing angle (horizontal/vertical)	178/178°
Response time (typical)	6 ms
Panel type	IPS

Features - Power supply computer	Description
Mains voltage	230 VAC, 50-60 Hz
Connection	IEC 320-C14
Power consumption typical	85 W
Power consumption max	120 W

Features - Monitor power supply	Description
Mains voltage	230 VAC, 50-60 Hz
Connector	IEC 320-C14
Power consumption typical	100 W
Power consumption max	120 W

Mechanics and environment - Computer	Description
Dimensions	110 x 379 x 110 (HxBxD) mm
Weight	6 kg
Operation temperature	0 °C to 40 °C vid 10–90 % relative humidity, non-condensing
Storage temperature	-20 °C to 60 °C, vid 10–90 % relative humidity, non-condensing

Mechanics and environment - Monitor	Description
Dimensions with stand	421-508 x 474 x 236 (HxWxD) mm
Dimensions without stand	389 x 474 x 69 (HxWxD) mm
Weight with stand	10 kg
Weight without stand	8 kg
Operation 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

Ordering information

Main produkt	Part number
Tower Workstation 21" TEMPEST Level A	60-00-7883

Components	Part number	Qty
Computer TEMPEST Level A	60-00-7957	1
Monitor 21" TEMPEST Level A	60-00-8172	1
Keyboard TEMPEST Level A	60-00-8167	1
Mouse TEMPEST Level A	60-00-8168	1
Audio device TOSLINK/ analog 3.5mm	60-00-6728	1
HDD 2.5" 512 GB SATA SSD	60-00-8384	1
Power cable 2 m	50-65-0644	1
Win Pro 11 64-Bit	WIN PRO 11	1