interactive scape

Scape® Pro

spr65-009-03
spr65SL-009-03
spr65L-009-03

Operating instructions

Scape® Pro
Operating instructions

Contents

interactive scape

Technical specifications can be
may be changed without prior note
Version 1.0 - Status: 04/2026
poc: DKr

Notes

This is a class A device according to EN55022.
Please also
read 1.1 Safety instructions - Radio interference and interference.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
This Class A digital apparatus complies with Canadian ICES-003.

This manual applies to the following devices:

- Scape® Pro 65" (spr65-009-03 with st65-009 and pcsi-015)
- Scape® Pro 65" SL with one-sided shelf (spr65SL-009-03 with st65-009 and pcsi-015)
- Scape® Pro 65" L with shelf on both sides (spr65L-009-03 with st65-009 and pcsi-015)

Patent notice

U.S. Patent No. 11,320,947
Pat. Reg. EP 3574398 (DE, FR, UK, PT)
KR Patent No. 10-2566520
JP Patent No. 7237143
CN Patent No. ZL 201880092584.6

1. General information

This manual describes the safe commissioning, configuration and proper operation of the **Scape® Pro**.
If your device does not have an integrated PC, you can skip the chapters and instructions on the integrated PC. All other notes and instructions continue to apply without restriction. Please refer to any supplementary documents, such as installation instructions.

1.1. Safety instructions

Before commissioning and during operation of your **Scape® Pro** the following safety instructions to protect yourself, your environment and the **Scape® Pro** from damage.

Fires and electric shocks

Overloaded sockets, extension cables and power strips can cause fires and electric shocks.

· Avoid using power strips and extension cables wherever possible.

· Do not connect several extension cables or socket strips together.

Overheating

Heat build-up can cause the screen and the integrated PC to overheat. This can lead to damage to the device.

· Ensure sufficient air circulation around the **Scape® Pro**.

· Make sure that all ventilation slots on the screen and integrated PC are always clear.

Surge damage due to lightning

During thunderstorms, there is a risk of overvoltage damage to connected electrical appliances due to lightning strikes.

· Do not install the **Scape® Pro** during thunderstorms.

· Disconnect the appliances from the power supply during thunderstorms.

Moisture, liquids and vapors

Moisture, liquids and vapors that enter the interior of the **Scape® Pro** can cause electric shocks or short circuits.

· Use the **Scape® Pro** only inside buildings.

· Do not allow any liquids to get inside the **Scape® Pro.**

· Protect your **Scape® Pro** from vapors and moisture.

Improper cleaning

Improper cleaning with harsh cleaning agents and solvents or dripping wet cloths can damage the **Scape® Pro.**

· Please refer to the information on cleaning your **Scape® Pro** (Chapter **1.3 Information on cleaning).**

Improper opening and repair

Improper opening and improper repairs can result in hazards for users and the device.

· Do not open the housing of the device.

· Contact the manufacturer or specialist dealer for repairs.

Radio interference and interference

Radio interference can be generated by any device that emits electromagnetic signals. Due to the large number of devices that transmit and receive radio waves, interference can be caused by overlapping radio waves.

· Use the **Scape® Pro** in places where the use of radio equipment is prohibited.

· Especially in hospitals, outpatient health centers, doctors' surgeries and other medical facilities, follow the instructions and directions of authorized persons to switch off radio devices in order to avoid interference with sensitive medical equipment.

· Ask your doctor or the manufacturer of your medical device (pacemaker, hearing aid, implant with electronic control, etc.) whether it is compatible with the use of your **Scape® Pro** works without interference.

· If necessary, maintain the minimum distance of 15 cm recommended by medical device manufacturers to avoid interference with your medical device.

Explosive environments

Under unfavorable circumstances, radio waves can cause fire or explosions in the vicinity of potentially explosive atmospheres.

· Install and operate the **Scape® Pro** near potentially explosive atmospheres, flammable gases, areas where the air contains chemicals or particles such as grain, dust or metal powder, or near blasting sites.

· In locations with potentially explosive atmospheres and in the vicinity of blasting sites, follow the instructions for switching off electronic devices to avoid interference with the blasting and ignition systems.

Load and damage to the surface

Rough, hard or sharp-edged materials and heavy objects can damage the screen surface of the **Scape® Pro.**

· Do not place any heavy objects on the screen.

· Only use objects with smooth or soft surfaces on the screen.

· Clean the undersides of the objects before and after each use.

1.2. Scope of delivery

The following accessories are included with your **Scape® Pro:**

- Power cable with powerCON plug for connection to the power grid
- Network cable for connection to a LAN
- Wireless keyboard with trackpad
- Screen cleaning kit
- Operating instructions (if necessary by e-mail)

1.3. Cleaning information

The touch sensor of the **Scape® Pro** does not usually require maintenance. Nevertheless, it is recommended to clean the glass surface of the screen regularly.

- Disconnect the appliance from the power supply before cleaning.
- Typically, a solution of isopropyl alcohol and water (mixing ratio 50:50) or the enclosed screen cleaning kit are best suited for cleaning the touch sensor.
- Apply the solution to a soft, lint-free cloth. Avoid coarse materials.
- Moisten the cloth and clean the glass surface. Only apply the liquid to the cloth and never directly to the unit. This will prevent liquid from penetrating the inside of the appliance or staining the frame.

A commercially available plastic cleaner is recommended for cleaning Corian surfaces. Apply this to a clean cloth and then treat the surfaces with it.

1.4. Transportation instructions

The safest way to transport your device is in a flight case for the **Scape® Pro** (available separately).

- The appliance is very heavy. Make sure that at least two people lift and carry the appliance.
- Do not transport the appliance upside down.
- Secure the appliance against slipping and tipping.

2. Function and structure

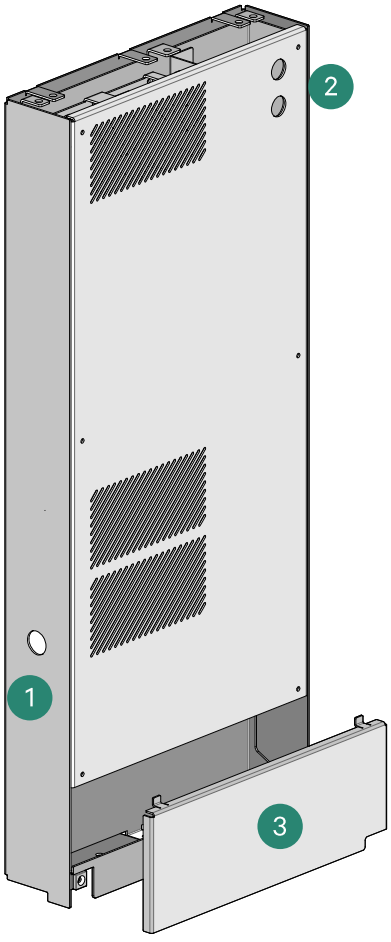
2.1. Connections & controls

All connections for power and peripherals are located on the PC unit of the **Scape® Pro**.
This is located underneath the device on the right-hand side.

Remove the cover at the bottom on the inside of the PC unit to expose the connections.
The cover is attached with magnets. Grasp the cover by the bottom edge and pull it away from the unit by the bottom edge.

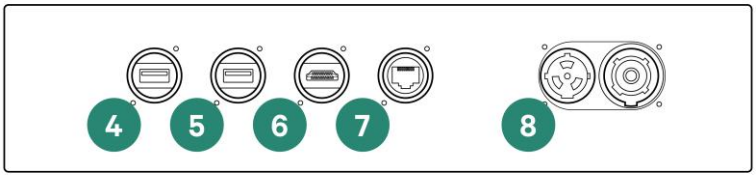
The cover plate is designed so that there is sufficient space to reattach it after all cables have been connected. Reattach the plate to the PC unit after connecting all cables to protect the connections and prevent unintentional removal of the cables.

2.1.1. PC unit



1	On / Off switch
2	WLAN antenna connection (SMA) with WLAN antenna
	USB 3 (type A)
3	Cover plate for power and peripheral connections

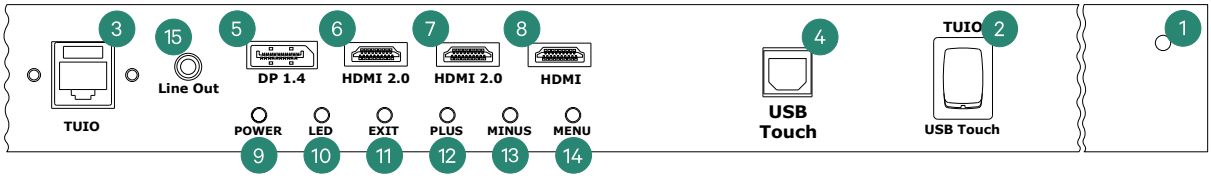
2.1.2. Connections for power and peripherals



4	USB 3 (type A)
5	USB 3 (type A)
6	HDMI 2.0
7	RJ45 network connection
8	powerCON TRUE1 power supply - input and output

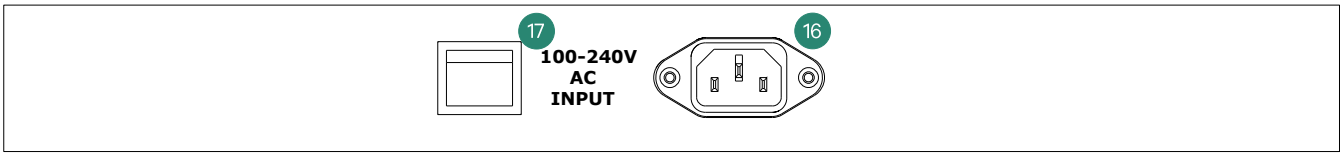
2.1.3. Touchscre en

The screen of the **Scape® Pro** is already installed and connected to the integrated PC ready for operation.



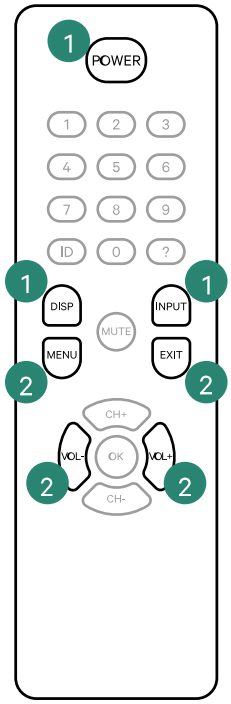
1	IR sensor for remote control
2	Touch TUIO / USB Touch switchover
3	RJ-45 Lan interface - for using the **Touch & Object Assistant**
4	USB connection type B - for direct connection of touch and PC
5	DisplayPort 1.4 input
6	HDMI 2.0 input (UHD 60 Hz)
7	HDMI 2.0 input (UHD 60 Hz)
8	HDMI 1.4 input
9	Stand-by *(17)
10	Status LED
11	Close OSD / Back / Display input selection *(21)
12	Plus / Right *(23)
13	Minus / Left *(22)
14	OSD displays / confirm selection *(20)
15	Line Out output

*analogous to the button on the remote control



16	IEC socket for connection to 230 V, 50 Hz
17	Main switch of the power supply

2.1.4. Remote control



17	Stand-by ***(9)**
18	Show display mode selection
19	Display input selection
20	OSD displays / confirm selection ***(14)**
21	Close OSD ***(11)**
22	Left / Minus ***(13)**
23	Right / Plus ***(12)**

*analogous to the button on the screen

All buttons on the remote control that are not described are not required for operating the **Scape® Pro** and have no function.

3. Connect

The **Scape® Pro** is supplied ready for use. All devices are fully assembled and wired.
Place the appliance in a suitable location and connect it to the mains.

3.1. Notes

Observe the following instructions when setting up the appliance:

- Give the **Scape® Pro** sufficient time to adjust to the ambient temperature. Otherwise the device may be damaged or destroyed by condensation inside the device.
- Operate the **Scape® Pro** indoors only.
- Place the **Scape® Pro** not be exposed to direct sunlight.

3.2. Connection to the power supply

Connect the **Scape® Pro to the** power supply using the powerCON connection cable supplied via the power connection socket on the underside of the PC unit (see **chapter 2.1.2 - Connections for power and peripherals - point 8**). To do this, insert the powerCON plug completely into the powerCON socket from below, turned 45° to the left. Then turn the powerCON plug to the right until you hear it click into place. Finally, insert the earthing contact plug into a suitable socket.

To disconnect the power supply, pull the locking mechanism on the powerCON plug downwards, turn the plug 45° to the left and pull it downwards out of the powerCON socket.

When disconnecting the appliance from the mains, always grasp the plug and do not pull on the cable.
Do not touch the plug with wet hands.

3.3. Connection to the network

The **Scape® Pro** works completely without an Internet or other network connection. Nevertheless, both WLAN and a Gigabit Ethernet port on the PC unit (see **chapter 2.1.2 - Connections for power and peripherals - point 7**) are available for connecting to the Internet or another network.

To use **Scape X®** object recognition or touch via TUIO, set the switch for the touch signal on the back of the display to "TUIO" (see **2.1Chapter 2.1 .3 - Touchscreen - Point 2**). For further information on setting up the **Scape X®** object recognition, read the operating instructions for the "**Touch & Object Assistant**".

By default, the integrated **Touch & Object Assistant has** the IP address 10.0.0.20 with the subnet 255.255.255.0. You can also access the **Touch & Object Assistant** web interface via the IP address. The Ethernet port of the **Scape® Pro** (see **chapter 2.1.2 - Connections for power and peripherals - point 7**) is set to obtain its IP address from a DHCP server.

4. Switch on

Switch on the display at the main switch (see **chapter 2.1.3 - Touchscreen - point 16**). Then start the PC (see **chapter 2.1.1 - PC unit - point 1**).

The device takes around 1.5 hours to reach its final operating temperature after being switched on. During this time, the device's touch sensor constantly adapts to its environment. This has a direct effect on long-term object detection.

If object detection does not work properly at any point on the device, remove all objects from the device for 2 seconds.

5. Instructions for use

Clean the touch sensor and the objects used regularly during operation.
Fine sand and quartz dust in particular can lead to heavy wear on the sensor glass if objects are used intensively.
If necessary, use protective films to protect your touch sensor from scratching.

Interesting:
We test our objects in robot-supported load tests on our displays for wear and tear on the objects and effects on the sensor disks.
For these tests, we let a cobot use objects for approx. 15h / or 10km continuously on a Scape Tangible 55.
A distance of 10 km on the sensor corresponds to several years of intensive use of an object.
The robot simulates average object use in a "normal" application.
It performs random translational and rotational movements with the object on the display.
The object is repeatedly lifted up and placed back down in another area of the screen.
Only movements during which the object is in contact with the sensor are counted as distance traveled.
The force with which the object is pressed onto the screen is approx. 2N.
The test environment is neither clean nor excessively dirty.
Neither the sensor nor the object are cleaned during a test run.
As a result, we have so far been unable to detect any excessive object wear or damage to the sensor glass.

Avoid putting too much strain on the touch sensor.
To ensure error-free object detection, the total mass of all objects on the device must not exceed **3 kg.**

Always ensure that your appliance is sufficiently cooled.
This considerably extends the service life of the installed panel.

Signs of wear on the sensor and objects are unavoidable under normal use.

Avoid an application design that encourages the use of objects on a small exclusive area of the device.

Even if the maximum load for the sensor is higher, you should not exceed a weight of 500g per object.

6. Screen settings - OSD

6.1. Using the OSD (on-screen display)

The OSD of the **Scape® Pro** offers various setting options for the screen, such as "Signal input", "Display mode" and color and brightness settings.
The factory settings are suitable for most applications.

Press the **Menu** button **(20)** to display the OSD (see **chapter 2.1.4 - Remote control**).
Use the **Plus (23)** and **Minus (22)** buttons to navigate through the individual menu items. Press the **Menu** button **(20)** to go to the next level of the selected menu item or setting.
Use the **Plus (23)** and **Minus (22) buttons to** adjust the values for the respective setting or to select the corresponding option. The **Menu** button **(20)** activates the selected option and returns to the last selection level.
The Exit button **(21) sets** the setting to its original value and returns to the next higher menu level or closes the OSD if you are at the top menu level.

The OSD is automatically closed after a few seconds of inactivity.

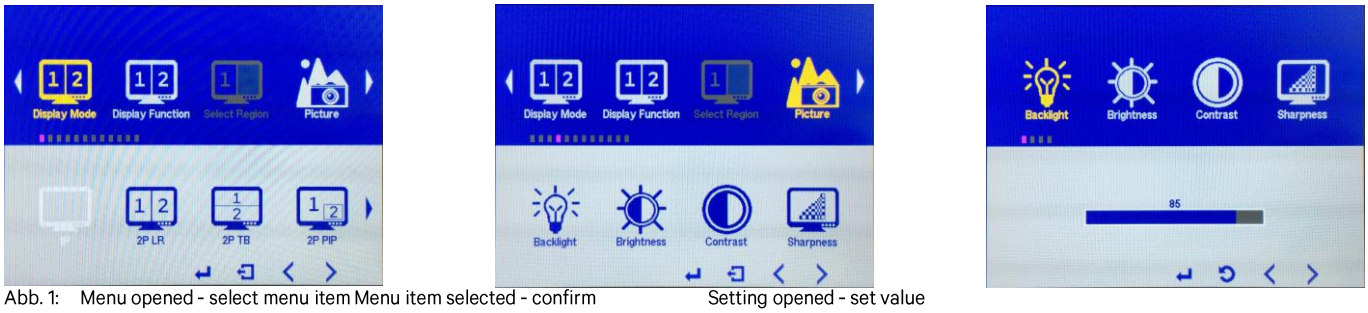


Abb. 1: Menu opened - select menu item Menu item selected - confirm Setting opened - set value

6.2. Select image source

If no active device is connected to the selected input of the screen, you can only use the OSD to a limited extent. Press **Input (19)** or **Exit (21)** on the IR remote control to open the input selection. Use the **Plus (23)** and **Minus (22)** buttons to select the appropriate input and confirm your selection with the **Menu** button **(20)**.

Abb. 2: Input selection

The signal source is set to "Auto" by default and automatically recognizes the corresponding input.

7. Integrated PC

Unless you have ordered otherwise, the integrated PC is pre-installed with **Windows 10 Professional**, fully set up and ready to use.

Before changing the configuration of the operating system and its components, be sure to create a backup.
To do this, use the Windows backup tools (Backup settings).

Your **Scape® Pro** with integrated PC comes with a wireless keyboard with integrated trackpad.
Follow the enclosed instructions to set up the keyboard.

To switch on the integrated PC, press the power button on the back of the PC unit (see **chapter 2.1.1. - PC unit - point 1**).

A system user with administrator rights and the following access data has already been set up.

User name: ias
Password: ias

For the security of your system, it is strongly recommended that you change the password for this account.

8. Troubleshooting tips

Do not open the housing of the **Scape® Pro** or the PC unit on your own.
If your **Scape® Pro** does not work as intended, refer to **8.2Chapter 7.2 - Problems and solutions**to see if there is a solution to your problem.

If you cannot find a solution, please contact **Interactive Scape Hardware Support**. You can reach them on weekdays on **+49 30 698 094 150**.

8.1. Manufacturer - Support

Interactive Scape GmbH
Wilhelmine-Gemberg-Weg 6
10179 Berlin

+49 (0)30 698 094 150

8.2. Problems and solutions

Error	Possible cause	Possible troubleshooting
The screen shows no picture even though the PC is switched on.	The DisplayPort or HDMI cable is not plugged in correctly	Check DisplayPort or HDMI cable for correct installation
		Replace any defective cables
	The screen is switched to the wrong signal input.	Set the signal input correctly
	The screen is switched to standby using the IR remote control or the OSD	Deactivate stand-by mode using the IR remote control or the OSD buttons
	The screen is switched off at the main switch of the device	Switch the device on at the main switch of the device
Touch and Object Assistant is not available	The screen system has not started correctly	Switch the device off at the main switch, wait 10 seconds and switch it on again. The start-up process takes approx. 1 minute.
	Network cable is not installed correctly	Check that the network cable is correctly installed between the screen and the PC
	Network settings on the PC are not correct	Check the network settings of your PC. The default IP address of your Scape Tangible is 10.0.0.20 (subnet 255.255.255.0)
"No Touch Device Found" is displayed in the Touch and Object Assistant	TUIO / USB Touch switch is set to USB Touch	Switch the TUIO / USB Touch switch to TUIO Touch
Object tracking does not work in the touch and object test	Invalid Scape X license	Check whether a valid Scape X license is stored on your device
	TUIO / USB Touch switch is set to USB Touch	Switch the TUIO / USB Touch switch to TUIO Touch
Touch tracking does not work in the touch and object test	TUIO / USB Touch switch is set to USB Touch	Switch the TUIO / USB Touch switch to TUIO Touch

Objects are poorly recognized	Objects improperly attached to conductive materials	Check whether you are using your Scape X objects in accordance with the specifications in the "Scape X objects" manual
	High electromagnetic radiation in the environment	Calibrate the sensor in Touch and Object Assistant
Objects are recognized with incorrect IDs	Objects are used improperly	Check whether you are using your Scape X objects the right way round (top side away from the sensor) or whether you have attached them improperly to conductive material sheets.
	Configuration of the objects in the touch and object test changed	Check the individual incorrectly recognized objects in the Touch and Object Test for changed ID settings

Always carry out touch and object recognition tests using the Touch and Object Test in the Touch and Object Assistant. This is the only way you can be sure that the cause of your observations lies not in an application or the operating system of the connected PC.

Unfortunately, we cannot provide support for connected PCs that were not supplied by Interactive Scape.

To avoid possible support costs for you, please check whether your problem can be solved with one of the above measures

9. Appendix

9.1. Technical data

9.1.1. Scape® Pro 65

Article Number	spr65-009-03

Specifications

Dimensions (L x W x H)	154.7 x 92.2 x 92.0 cm
Weight	126 kg
Material frame	Corian, Glacier White
Material legs	Stainless steel, brushed, K240
Integrated PC	Silent PC 5060

Electrical Specifications

Operating voltage	100 - 240 VAC 50/60Hz
Power draw	max. 650 W
Certification	CE certified

9.1.2. Scape® Pro 65 SL | storage possibility on one side

Article Number	spr65SL-009-03

Specifications

Dimensions (L x W x H)	182.8 x 92.2 x 92.0 cm
Weight	140 kg
Material frame	Corian, Glacier White
Material legs	Stainless steel, brushed, K240
Integrated PC	Silent PC 5060

Electrical Specifications

Operating voltage	100 - 240 VAC 50/60Hz
Power draw	max. 650 W
Certifications	CE certified

9.1.3. Scape® Pro 65 L | storage possibility on two sides

Article Number	spr65L-009-03

Specifications

Dimensions (L x W x H)	215.0 x 92.2 x 92.0 cm
Weight	154 kg
Material frame	Corian, Glacier White
Material legs	Stainless steel, brushed, K240
Integrated PC	Silent PC 5060

Electrical Specifications

Operating voltage	100 - 240 VAC 50/60Hz
Power draw	max. 650 W
Certifications	CE certified

9.1.4. Scape® Tangible 65

Display

Display diagonal		64.5 inches
Resolution		3840 x 2160 (UHD) @60 Hz
Format		16:9
Brightness (Panel)		700 cd/m²
Contrast (Panel)		4000:1
Backlight		LED
Viewing angle		178° / 178°
Color gamut		16.7 million
Latency (on/off)		8 ms
Backlight – lifetime		50,000 h
Pixel class		ISO 9241-307 (Pixel Error Class II)
Operational period		24/7
Max. ambient humidity	Operation	10 ~ 90% (not condensing)
Max. ambient humidity	Storage	10 ~ 90% (not condensing)
Max. ambient temperature	Operation	0 ~ 35 °C / 32 ~ 95 °F
Max. ambient humidity	Storage	-20 ~ 60 °C / -4 ~ 140 °F
Dimensions (W x H x D)		1521,5 x 896,4 x 97 mm
Weight		72 kg
Mounting		VESA 400x400 mm, 600x400 mm, 800x400 mm
Max. tipping angle		0° - 180°
Panel orientation		Landscape / Portrait / Flat (table)
Air flow cooling		0.5 m³ / min
Material		steel, powder-coated, matt black

Touch controller

Sensor	Projective Capacitive (PCAP) - Silver Nanowire
USB Touch	80 touches
TUIO Touch	>100 touches

Interfaces

Touch	HID USB / TUIO 1.1 / 2.0
Video	2x HDMI 2.0 / 1x HDMI 1.4 / 1x DisplayPort 1.4

Electrical specifications

Operating voltage	100 – 240 VAC 50/60Hz
Power draw	230 W
Certifications	CE, RoHS, FCC

Patents

U.S. Patent No.	11,320,947
Pat. Reg.	EP 3574398 (DE, FR, UK, PT)
KR Patent No.	10-2566520
JP Patent No.	7237143
CN Patent No.	ZL 201880092584.6

9.1.5. Silent-PC 5060

Specifications

Processor	Intel Core Ultra 7-255HX 20-core 2,4 - 5,2 GHz
RAM	16 GB DDR5 (Dual Channel)
Hard drive	250 GB SSD M.2
Graphics Card	NVIDIA Geforce RTX 5060Ti 16GB GDDR7
Sound	Onboard 8 Channel Digital Audio via HDMI Mic/Speaker output

Ports

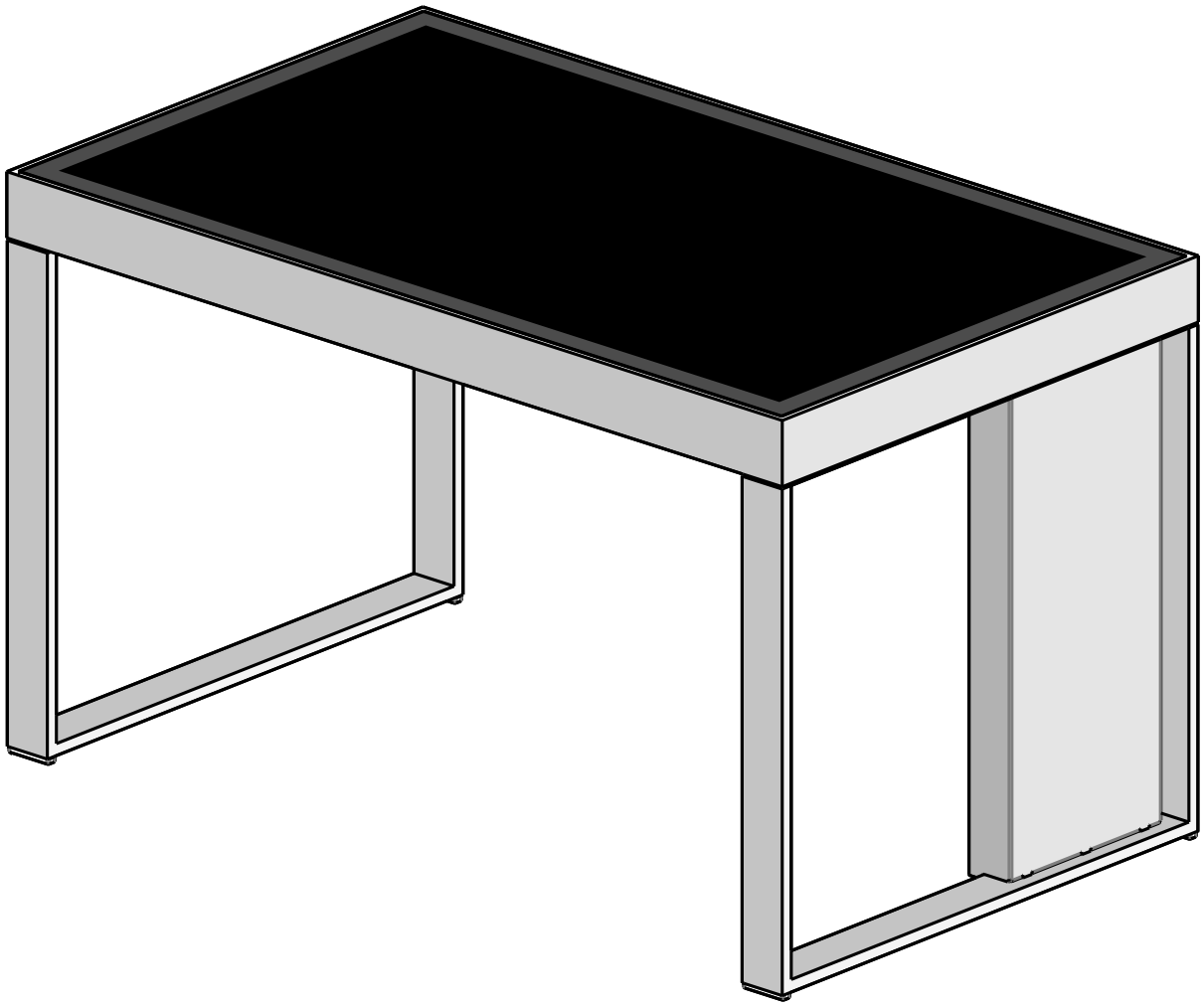
Display	1x HDMI 2.1b / 3x DisplayPort 2.1b
Network	WIFI 7 / 2x 2.5 Gbps LAN / Bluetooth 5.4
USB	5x USB 3.2 Gen2 Typ A, 2x Thunderbolt 4

Other

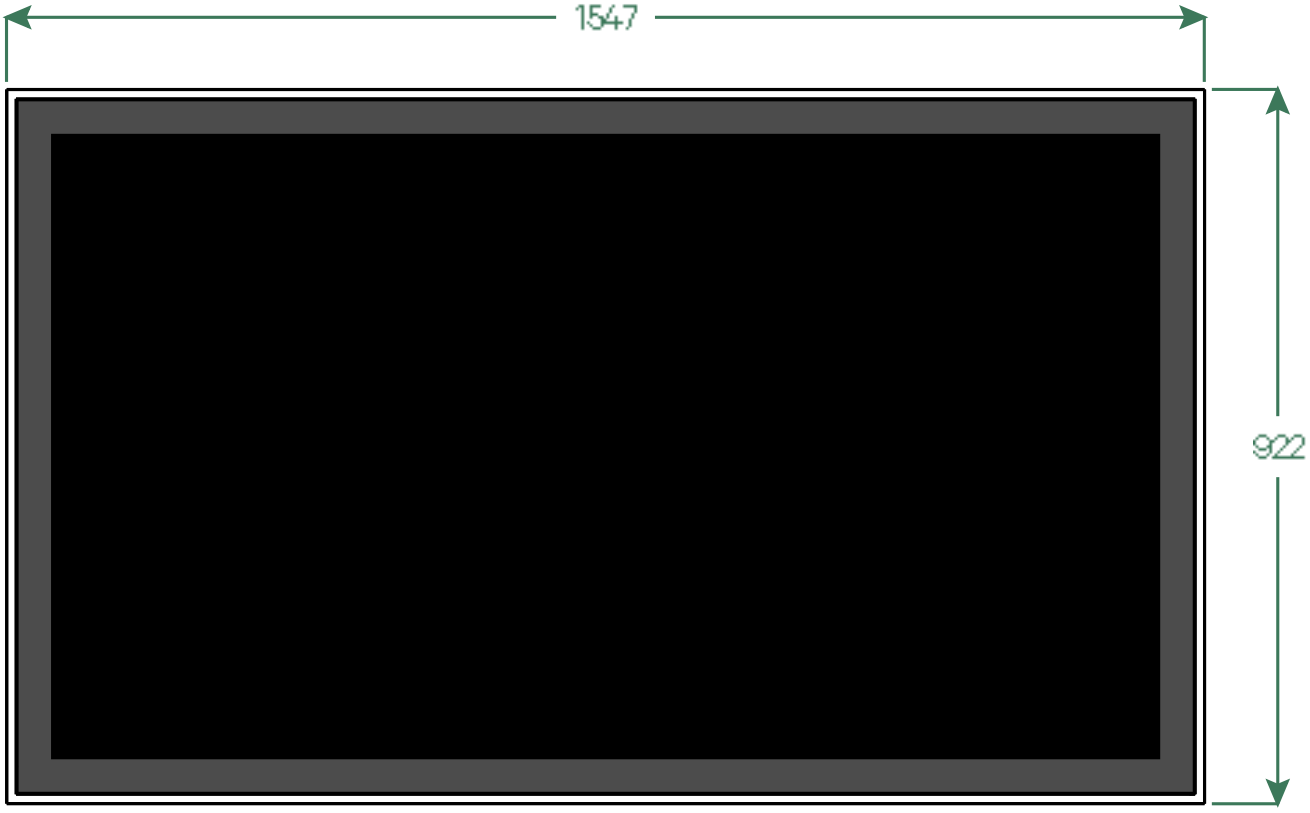
Dimensions (LxWxH)	210 x 203 x 62.2 mm
Power Supply	External power supply unit
Operating voltage	100 – 240 VAC
Power draw	330 W
Operationg System	Windows 11 Professional
	not suitable for 24/7 operation

9.2. Technical drawings Scape® Pro 65

9.2.1. Perspective

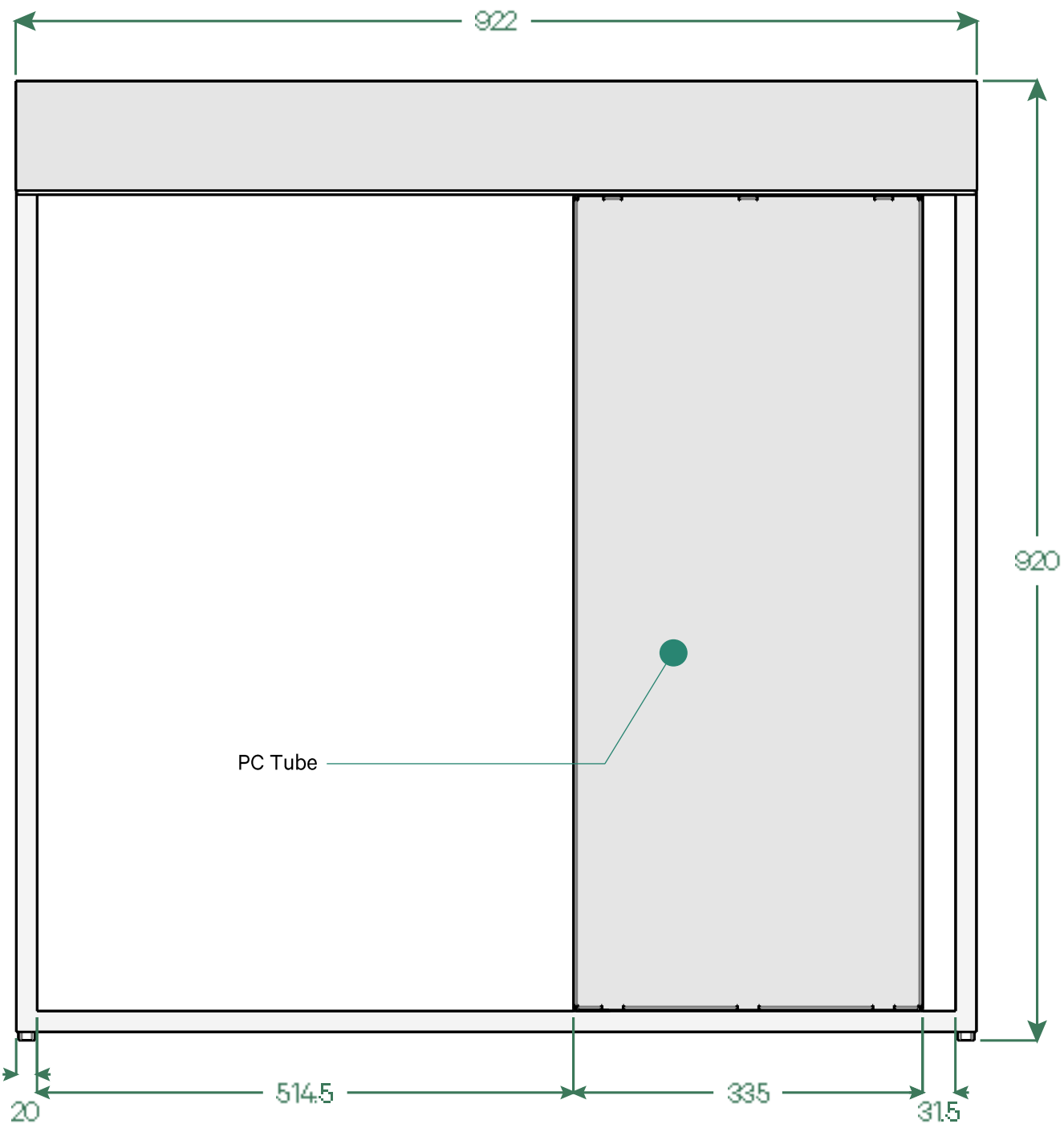


9.2.2. Top view



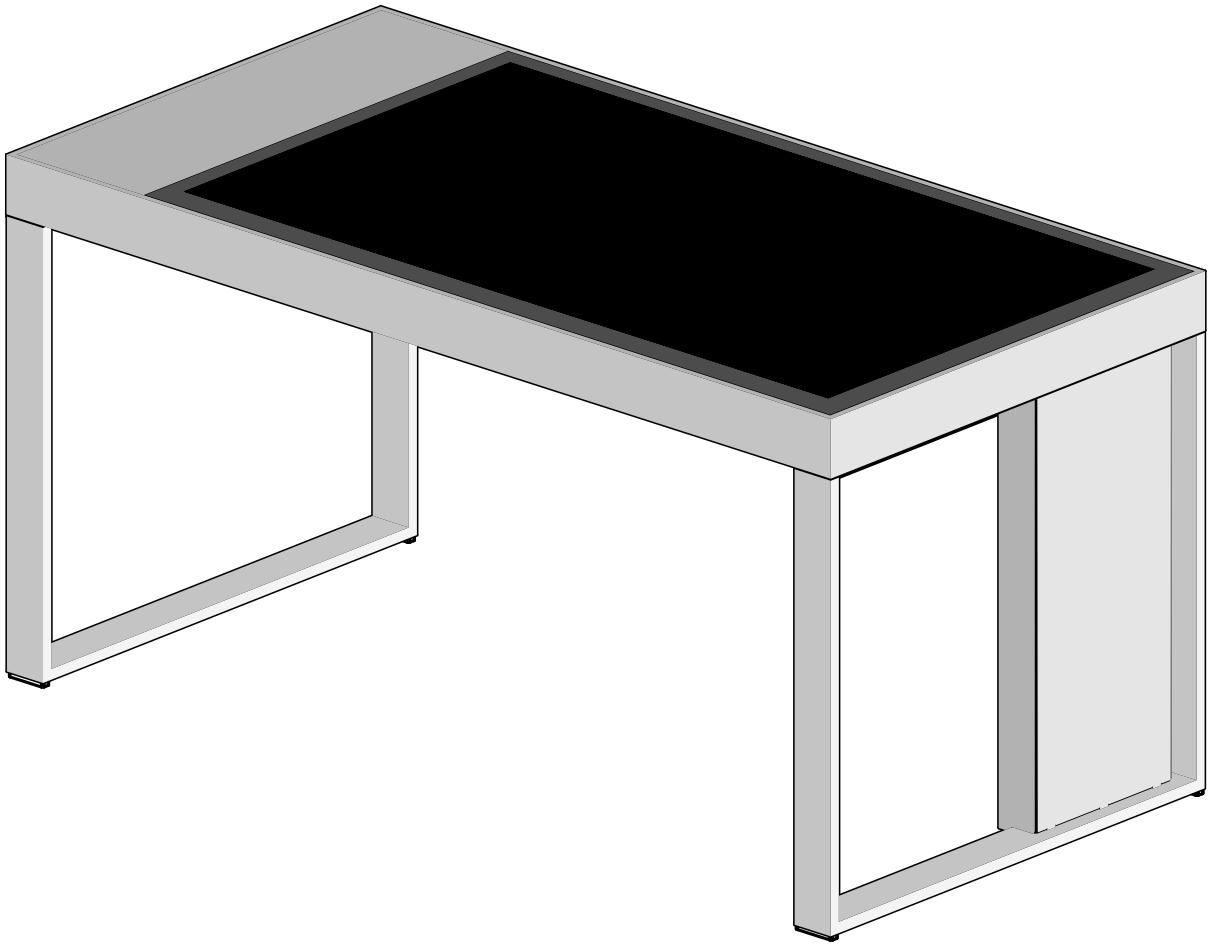
9.2.3. Front view

9.2.4. Side view, right



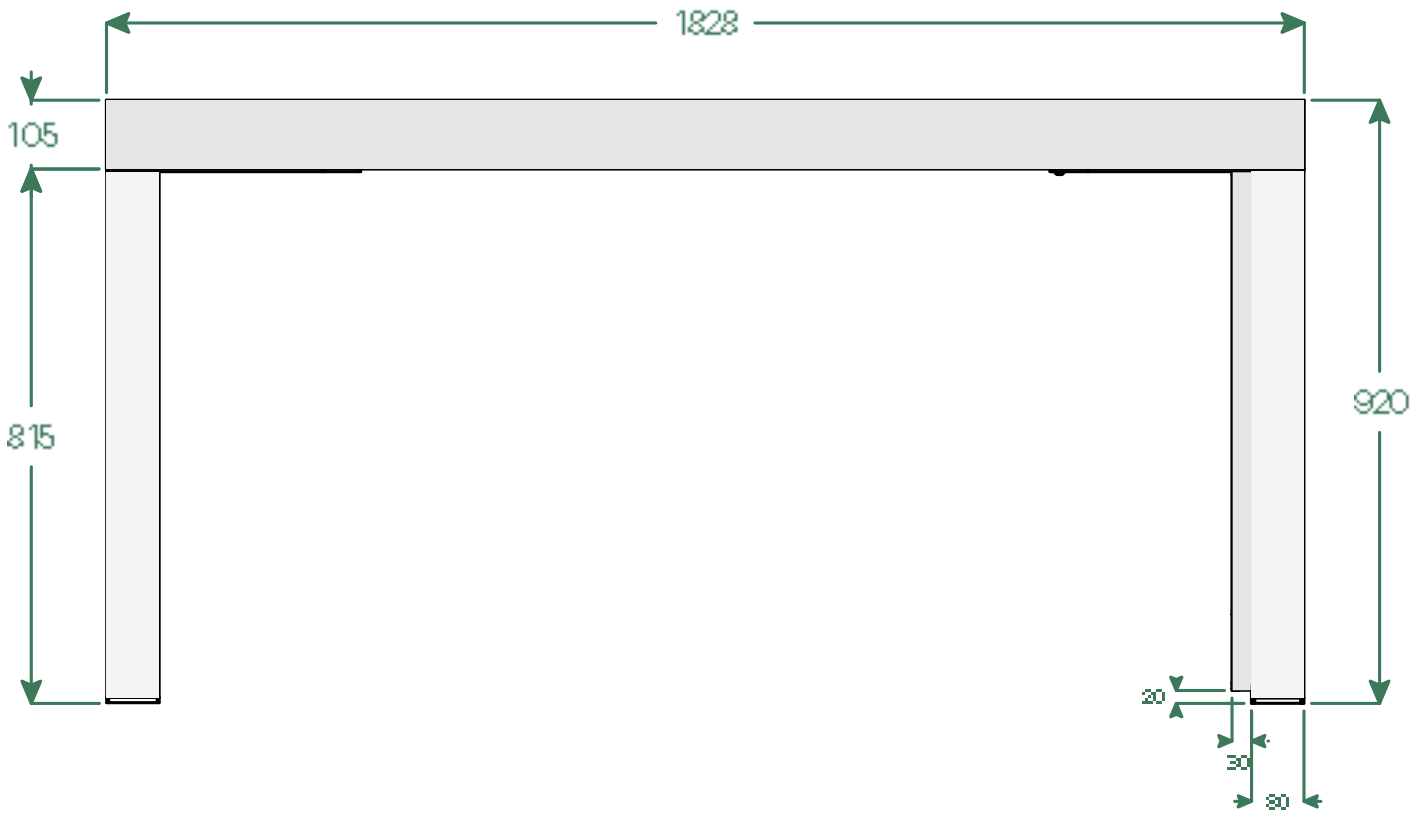
9.3. Technical drawings Scape® Pro 65 SL

9.3.1. Perspective

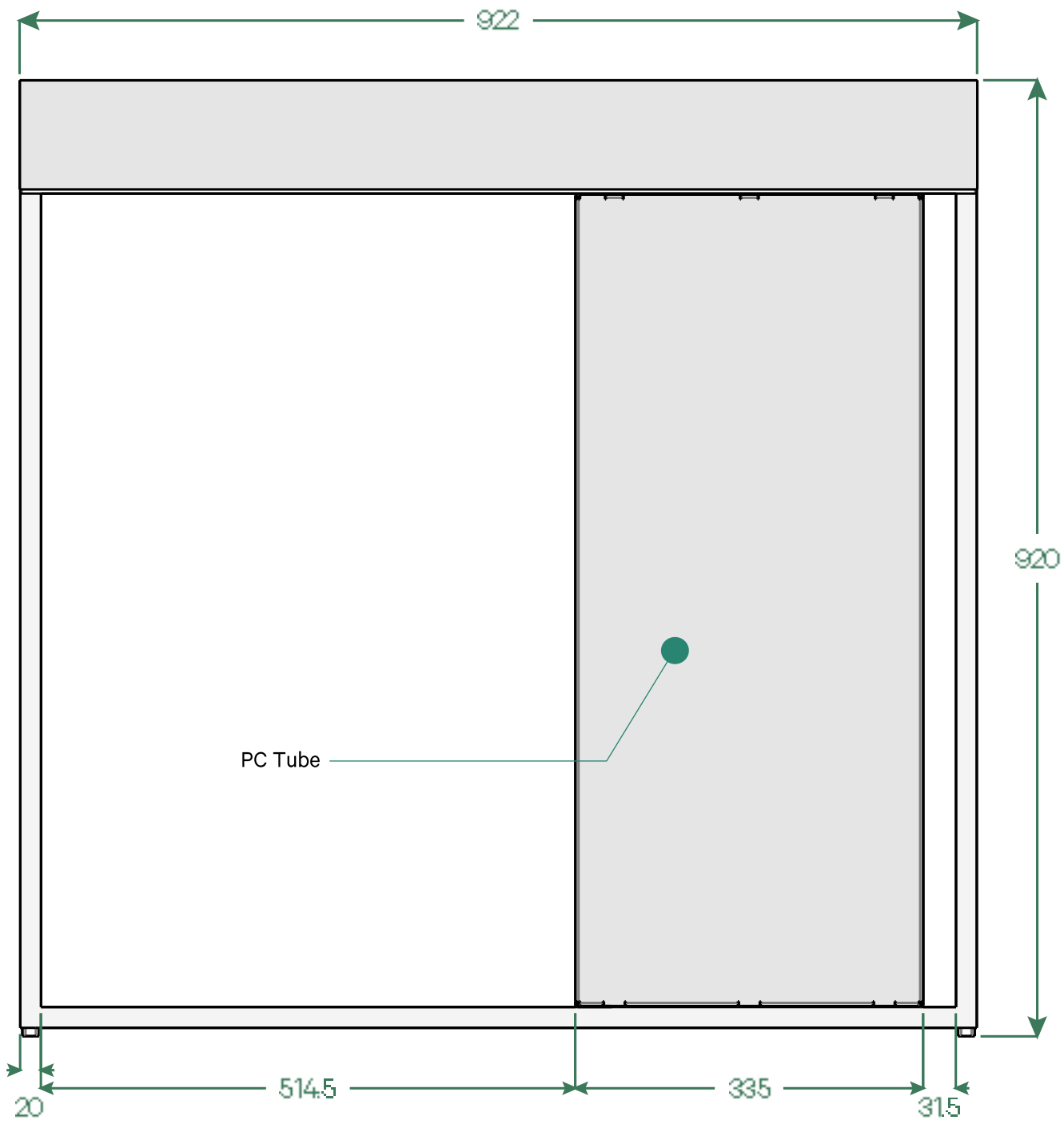


9.3.2. Top view

9.3.3. Front view

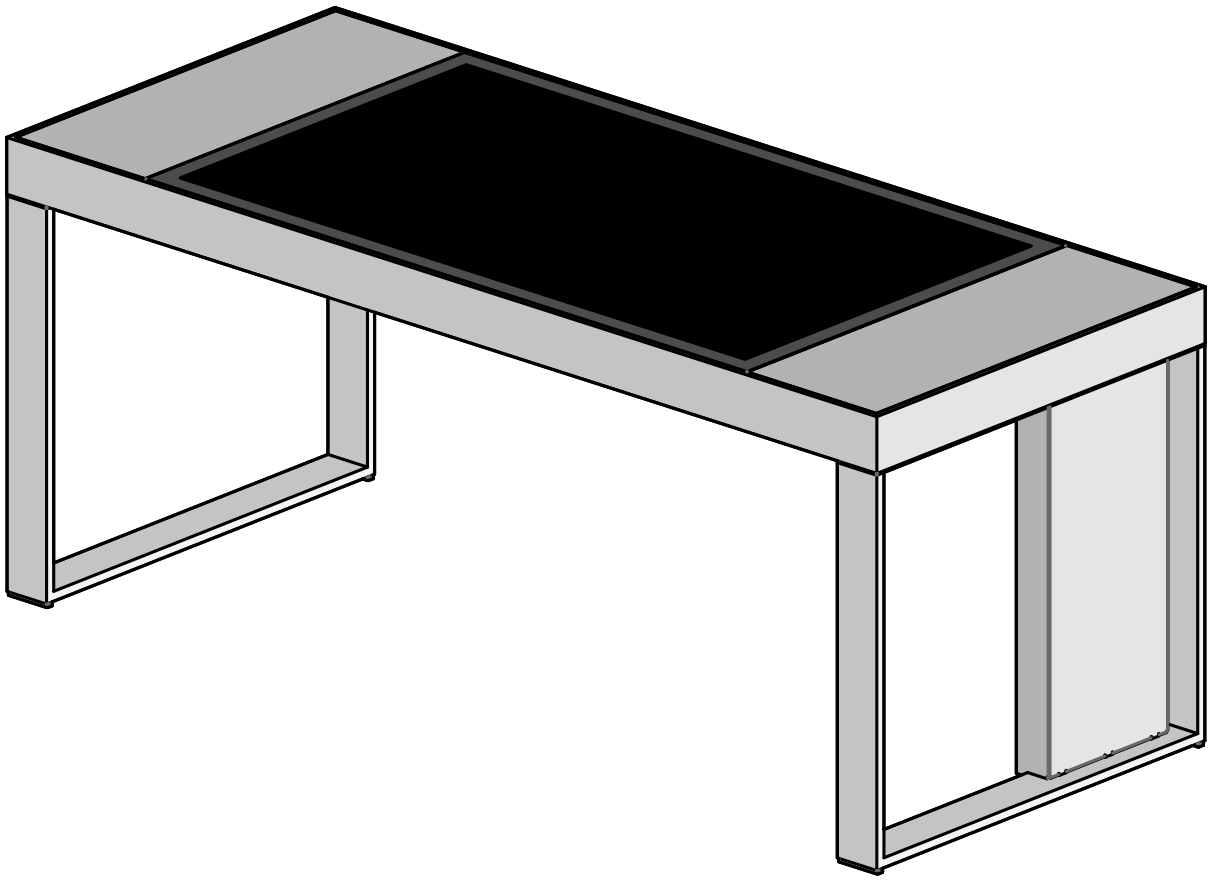


9.3.4. Side view, right



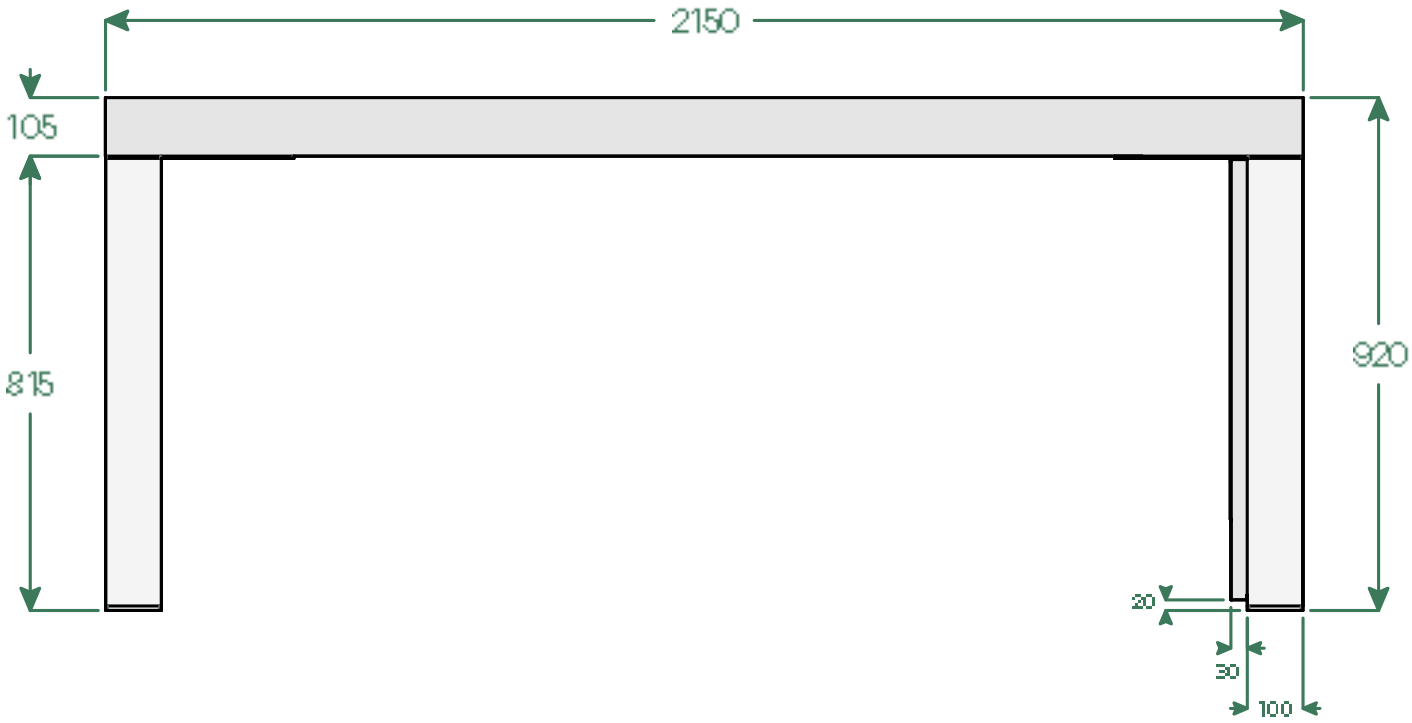
9.4. Technical drawings Scape® Pro 65 L

9.4.1. Perspective

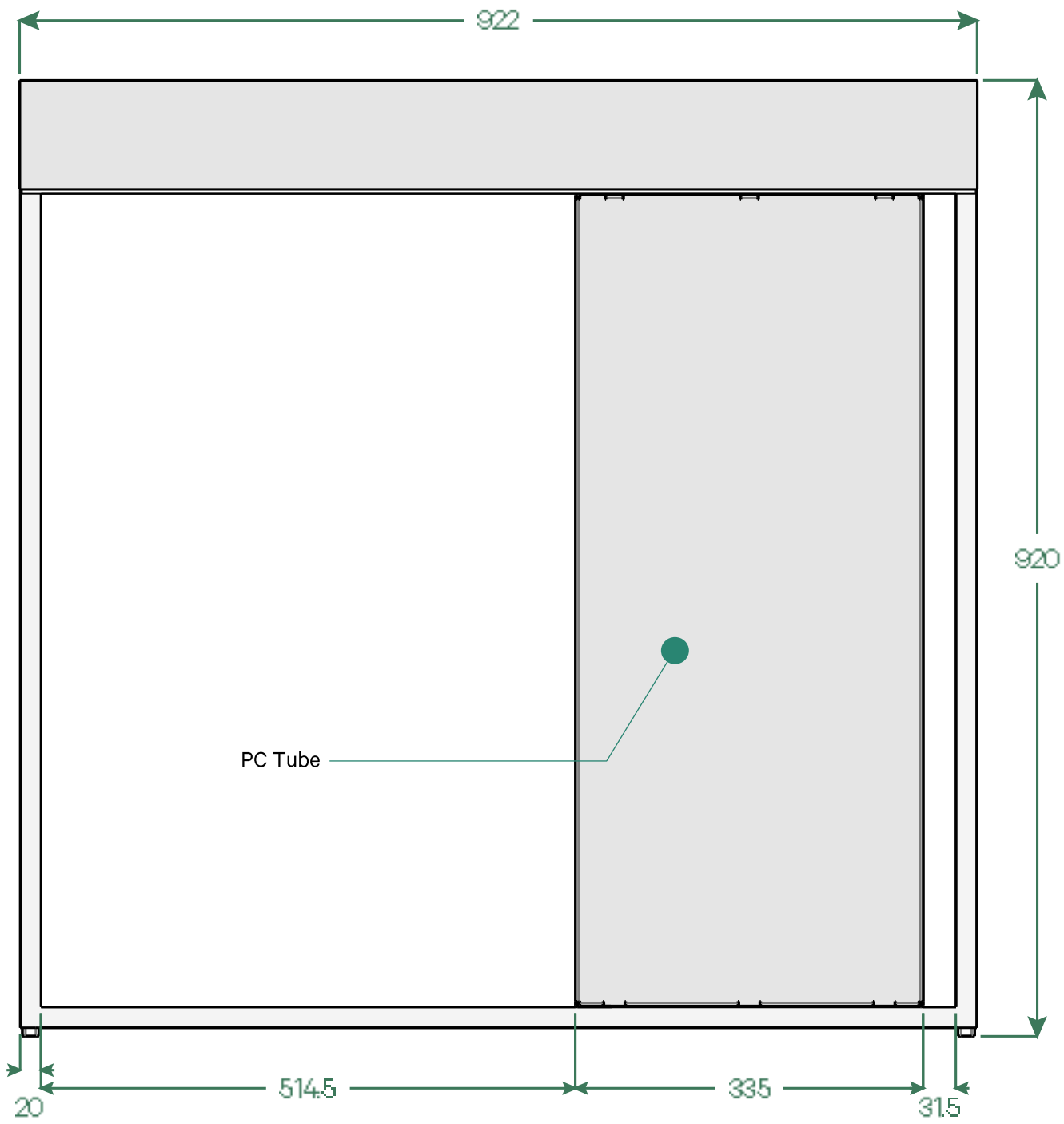


9.4.2. Top view

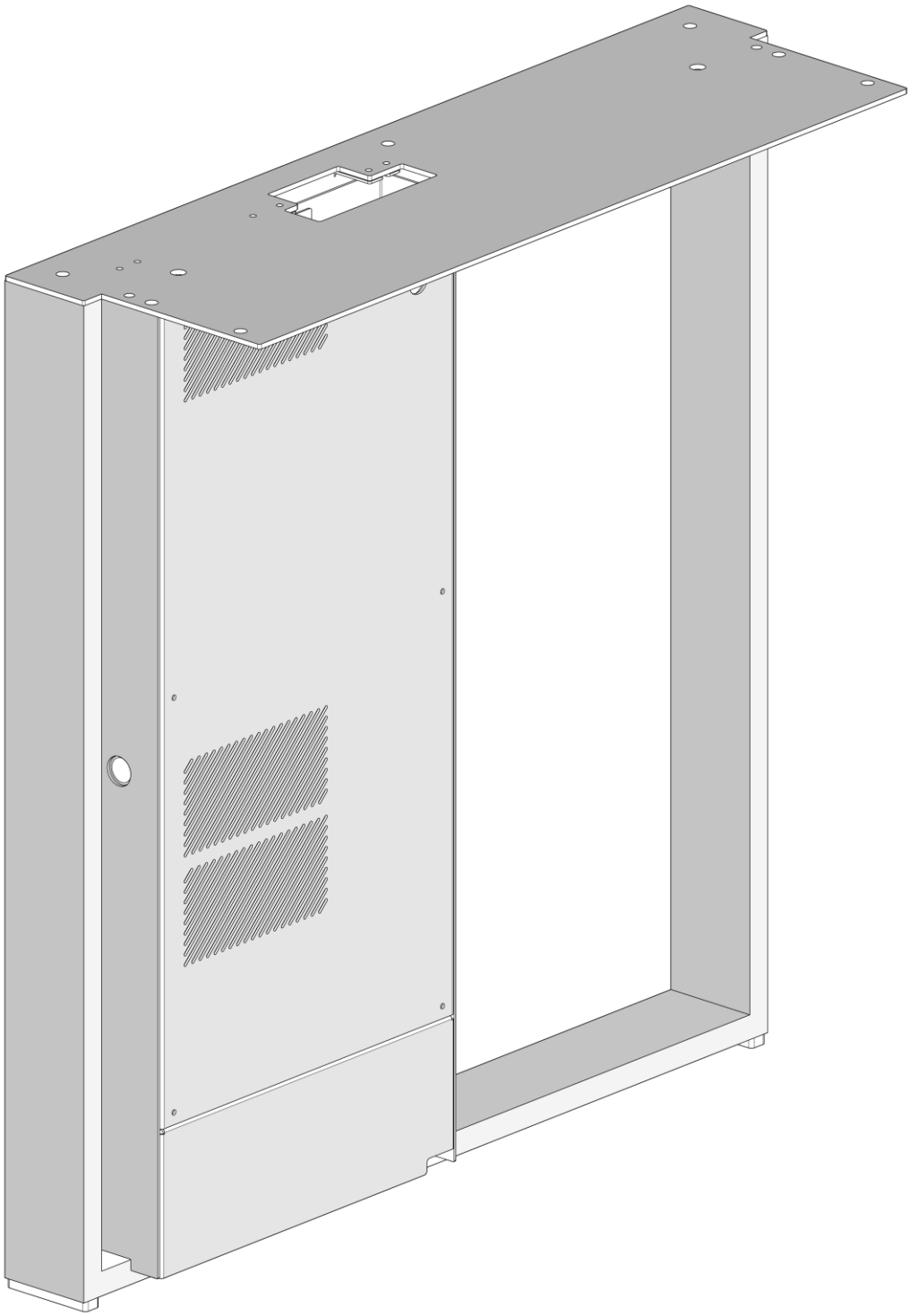
9.4.3. Front view



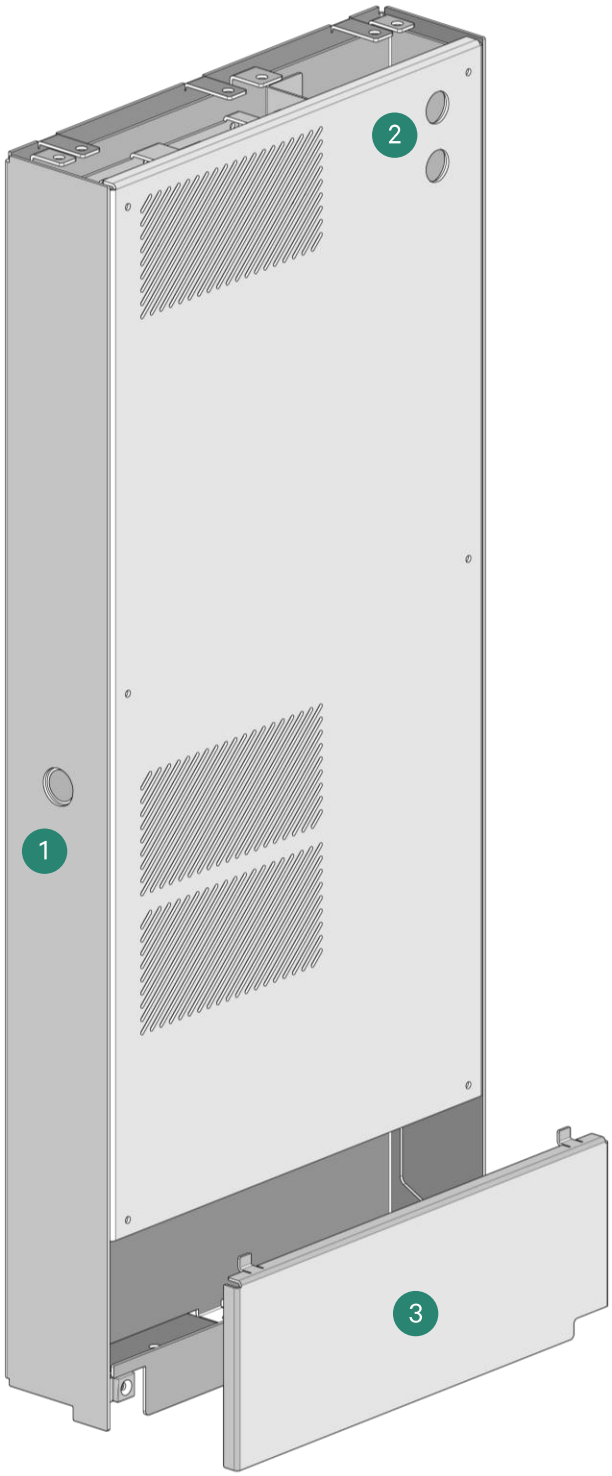
9.4.4. Side view, right



9.5. Tube with table leg

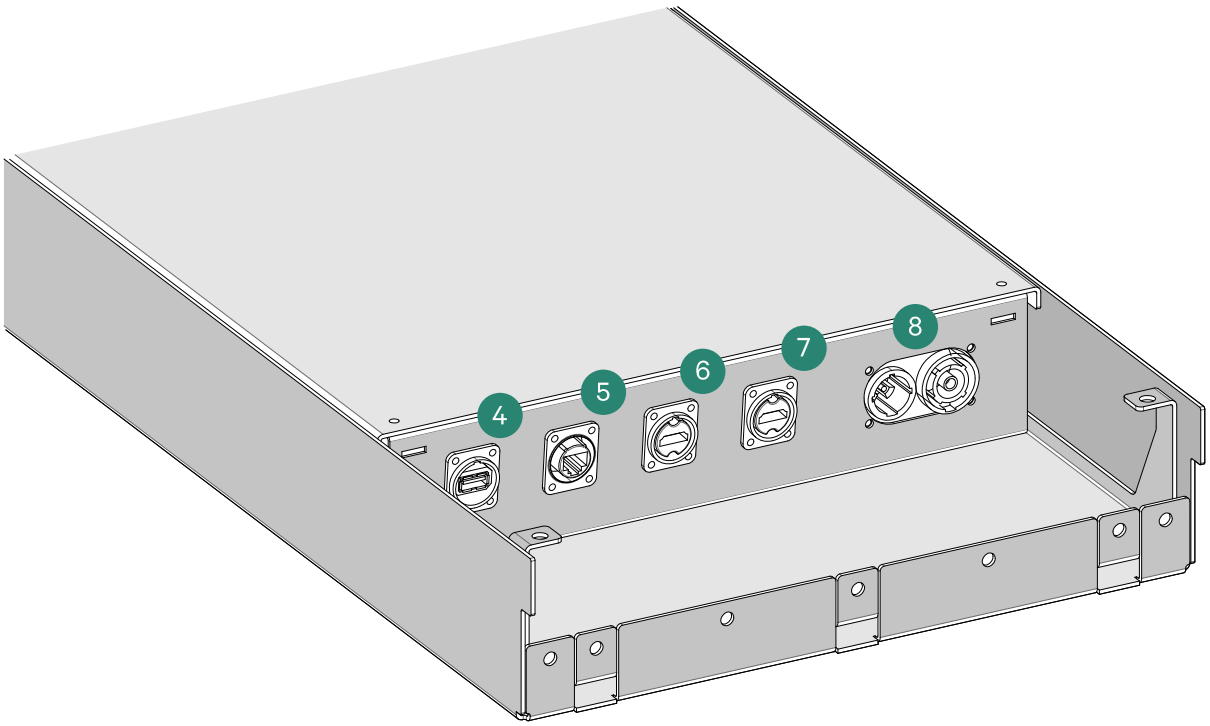


9.5.1. Detail - Tube



1	On / Off switch
2	WLAN antenna connection (SMA) with WLAN antenna
	USB 2.0 (type A)
3	Cover plate for power and peripheral connections

9.5.2. Detail - Tube connections



4	USB 3.0 (type A)
5	RJ45 network connection
6	HDMI 2.0
7	HDMI 2.0
8	powerCON TRUE1 power supply - input and output

interactive scape

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