Operating instructions for industrial PC ClassicLine CL2501

This documentation is applicable to all the versions of the product which are supplied.

The industrial PC is designed solely for fixed (19-inch) rack installation in mechanical and plant engineering systems for normal machine applications and industrial use.

> **Please note the safety information in the general operating instructions supplied with the product!**

Product labelling

Type plate

The type plate is located on the **inside of the front flap**.

■	Product designation
■	Mains supply
■	Product number
■	Serial number

CE marking

The product meets the requirements set out in the EMC Directive 2014/30/EU and the Low Voltage Directive 2014/35/EU.

Ambient conditions

Protect the product from dust, moisture, heat and mechanical stress, such as strong vibrations and impact. Keep the product out of direct sunlight. Install the product in such a way that it does not constitute a hazard (e.g. so that it cannot tip over or fall down).

Operation

Operating temperature	0 °C to 50 °C
Atmospheric humidity	10 % to 90 % non-condensing

Transport and storage

Storage temperature	-20 °C to 65 °C
Atmospheric humidity	10 % to 90 % non-condensing

Overview

Controls

Open the **front flap** with the corresponding key to gain access to the controls.
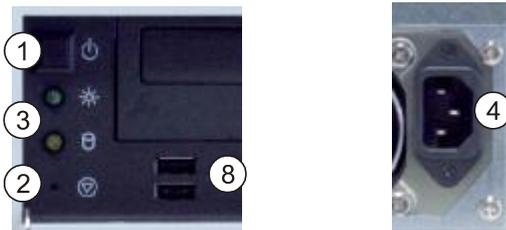
Front (behind flap) Rear

1. **On/off switch**: switches the product on or off
2. **Reset button**: restarts the system
3. **LEDs**: status indicators
   green   power supply switched on
   yellow   accessing hard disk drive
4. IEC socket for connecting the power supply

The product is fitted with a standard ATX power supply unit. Its input voltage range is 100 VAC to 240 VAC at 50 to 60 Hz. The voltage setting is adjusted automatically. Alternatively, power supply units with a fixed voltage input (e.g. 230 VAC) can also be used. The input voltage range is indicated on the type plate. Check the information on the type plate before switching on.

Connections
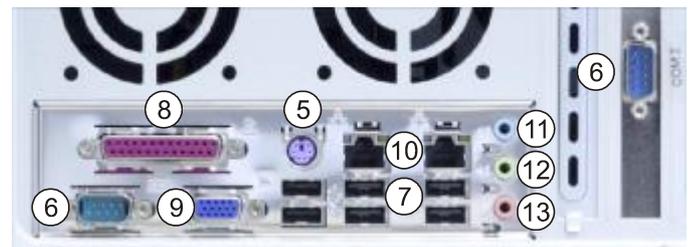
Rear view, example configuration

5. PS/2 mini-DIN connector
6. Serial interfaces (COM)
7. USB ports
8. Parallel port (LPT)
9. VGA output
10. RJ45 Ethernet
11. Audio: line in
12. Audio: line out
13. Audio: microphone

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Operation

Plug the power supply cable into the power supply socket on the product and then connect it to the mains supply.

Switching on

The product is fitted with an on/off switch on the front. Press the on/off switch to start up the product.

Switching off

First shut down then switch off! The operating system must be shut down first and then the product may be switched off. Otherwise the system may be damaged in such a way as to prevent the product from starting up again.

⚠ The product is **not** completely disconnected from the power supply when the on/off button or mains switch is switched off!

Rights should be assigned in the control software in such a way that users who are not allowed to close the software are also denied permission to switch off the product. If the product is switched off during a write operation, this file will be destroyed. Control software usually executes write operations automatically every few seconds, so damage can very easily be caused by switching off while the software is running.

Technical data

Dimensions (W × D × H)	483 × 490 × 88 mm
Weight	approx. 12 kg
Protection class	IP20
Wireless capabilities	–
Supply voltage	100-240 volts AC, 50-60 Hz
Power input	> 80 watts (depending on configuration)

Service

Contact details

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If you contact the service staff, please have the serial number ready which can be found on the type plate on the product.

Company headquarters

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