

■ **ARTICLE NUMBER 1-027-XXX**■ **SPECIFICATIONS**

CPU	Intel Core i5-13500 or better
RAM	16 GB DDR5-5600 or better
Network and communication ports	4x RJ45: communication with 4D.watcher.client (2.5 GB/s), power supply and communication with 4D.TWO (2.5 GB/s), remote support (1 GB/s), PLC
Graphics ports	1x HDMI, 1x DisplayPort
Power supply	115 – 235 VAC multi-range, 50/60 Hz
Temperature range	5 – 40 °C, < 90 % rH, not condensing
Dimensions	WHD 430/176/465.2 mm
Weight	~19 kg (~42 lbs)
PLC interface	PROFIBUS®, PROFINET®, Device- Net™, EtherNet/IP™, EtherCAT®, CC-Link or digital I/Os (others on request)

■ **SOFTWARE**

Operating software	Windows IoT Enterprise 2021 LTSC
4D software	4D.watcher.core

■ **ACCESSORIES**

Optional	PC enclosure system with roof-mounted cooling unit
Optional	Uninterruptible Power Supply (UPS)
Optional	4D.extender

■ **IMPORTANT NOTES****NOTE****Loss of warranty due to improper installation!**

Only operate the IPC in an enclosure with protection category IP 55 or better, otherwise you will lose the warranty.

NOTE**Loss of warranty due to non-compliance with specifications!**

Specifications of the IPCs (e.g., temperature range) must be strictly adhered to, otherwise you will lose the warranty.

NOTE**Data loss due to missing UPS!**

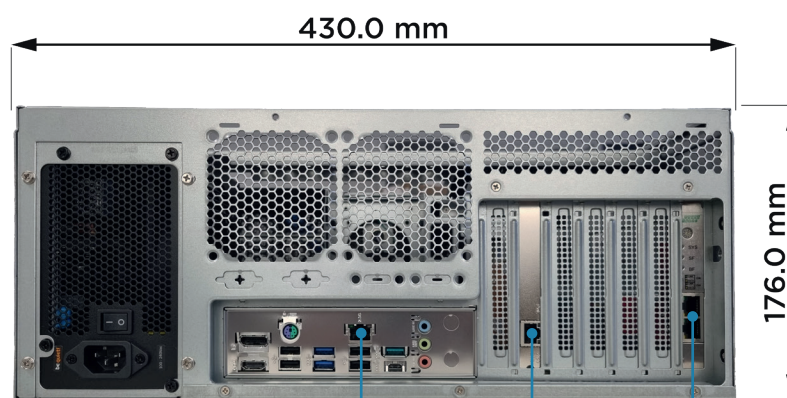
The use of an uninterruptible power supply (UPS) is highly recommended to prevent data loss.

DIMENSIONS AND PORTS

SPS
Hilscher card
Bus communication

PoE (IEEE 802.3af)
Sensor network card
2.5 Gb/s

Motherboard
CAT5E min.
2.5 Gb/s
(connection with
4D.watcher.client IPC)



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SPS
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Bus communication

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