

FORSIS

product information



EXPERT SE

Industrial PC - EXPERT 2150 SE FHD iC T - stationary

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The different designs of the EXPERT series by FORSIS develop areas which require feedback stations under the most extreme application conditions. Protection class IP65 is a necessary prerequisite. Compliance with hygiene standards and operation at a wider temperature range are required in addition to leak tightness. The EXPERT SE-series forms another important component of the EXPERT family.

The features of the SE series are:

- Tight according to protection class IP68.
- LCD sizes up to 21.5"
- Plug exit downwards
- Cable exit protected according to IP65 - no soldering work.
- Many standard interfaces are available.

Integration of special features such as heating elements for the deep-freeze area possible

Stainless steel housing

IP-class front IP69k, connections IP65

CPU i-Cel 1047UE 2x1,4 GHz, 4GB RAM, SSD 128GB MLC

21,5" LCD TFT, 1920x1080, resistive touchscreen

2x RS232, 2x USB 2.0, 2x USB 3.0, 2x GbE

DisplayPort, VGA, Mini PCIe fullsize / halfsize

Working temperature: -5°C to 45°C

Power supply: 230V AC, 60 VA, internal

Cable outlet: protected/ below

Mounting: side / threaded holes

WxHxD:585x410x150 mm, 15 kg



Specification

Device specification		
material:	material	V2A / V4A
surface: outside,	outside	brushed
	inside	polished
Weight	kg	15
dimensions WxHxD (mm):	AbB	585
	AbH	410
	Abi	150
Man-Machine-Interface		
LCD	Diagonal (")	21,5
	Resolution	Full HD
	Pixel	1920x1080
Touchscreen	Technology	analog resisitiv
PC-System specification		
CPU	Name	Intel® Celeron™ 1047UE
	# of Cores	2
	Frequency (GHz)	1,4
	Fan	●
RAM	Standard (GB)	4
	Maximum (GB)	8
Mass storage	SSD (GB)	128
	HDD (GB)	○
	CF (GB)	○
Interfaces externally		
Serial	RS232	2
	RS422/485	○
USB	USB 2.0	2
	USB 3.0	2
Monitor connections	DisplayPort	1
	HDMI	1
	DVI	-
	VGA	1
Ethernet	1000 Mbit/s	2
	100 Mbit/s	-
Mouse/Keyboard		-
Slots		
PCI104		-
ISA		-
PCI		-
Mini PCIe	Full size	1



	Half size	1
environmental conditions:		
temperatue range:	°C	-5°C bis 45°C
non-condensing humidity:	%	0-95
Approvals		CE
Power supply		
Input voltage	V	230
Input current	Kind	AC
Power consumption	W	60
Safety class		
Front	IP	69k
interface	IP	65
cable outlet		
protected		○
Cable strain relief,		○
lead downwards		below
assembly points:		
Mounting bracket set for desk and		●
Rear	VESA 100	-
operating Systems		
Windows	Windows CE	-
	Windows Embedded	○
	7	
	Windows Embedded	○
	8	
	Windows 10 IoT	-
	Windows 7	○
Windows 8	○	
Windows 10	-	
IGEL		○
extension		
Wireless	wireless	○
	Bluetooth	○
Mobile Web	UMTS/LTE	○
RFID		○
windshield		○
Sound		-
USV		-
heating		-



Gallery



EXPERT-SE-21.jpg



EXPERT-SE-21-unten.jpg



EXPERT-SE-Interface-protect.jpg



EXPERT-SE-Interface-close.jpg



Expert-SE-PG.jpg



EXPERT-SE-front.jpg



expert-bs-griff.jpg



Für weitere Informationen stehen wir gerne zur Verfügung

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