



EXPERT SBC

Industrial PC - EXPERT 1500 SBC XGA i3 T - stationary

[Industrial PC](#) » [stationary](#) » [EXPERT SBC](#) »

The different designs of the EXPERT series by FORSIS develop areas

in which feedback stations are necessary in the most extreme of usage conditions. Protection class IP65 is a necessary prerequisite here.

In addition to the impermeability of the devices, adherence to hygiene standards and optional application in extended temperature ranges are demanded.

To mention the sectors by name:

- Food-processing crafts
- Food industry
- Pharmaceutical manufacturers and the pharmaceutical industry

The features of the SBC series are:

- Plug exit in the rear
- Cable exit protected according to IP65
- Cable penetration without soldering work

Stainless steel housing

IP-class front IP69k, connections IP65

CPU Intel Core i3 3217UE, 4 GB RAM, SSD 128 GB MLC

15" LCD TFT, 1024x768, 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/ rear

Mounting: side / threaded holes

WxHxD:400x325x130 mm, 12 kg



Specification

| Device specification | | |
|-------------------------|-----------------|------------------------|
| material: | material | V2A / V4A |
| surface: outside, | outside | gebürstet |
| | inside | geschliffen |
| Weight | kg | 12 |
| dimensions WxHxD (mm): | AbB | 400 |
| | AbH | 325 |
| | Abi | 130 |
| Man-Machine-Interface | | |
| LCD | Diagonal (") | 15 |
| | Resolution | XGA |
| | Pixel | 1024 x 768 |
| Touchscreen | Technology | analog resisitiv |
| PC-System specification | | |
| CPU | Name | Intel® Core™ i3 3217UE |
| | # of Cores | 2 |
| | Frequency (GHz) | 1,6 |
| | 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 | ● |
| | HDMI | ● |
| | 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 | | rear side |
| 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-sbc-front.jpg



expert-sbc-interface-open.jpg



expert-sbc-interface-close.jpg

Schnittstellenabdeckung mit Kabelführung durch RITTAL Klemmtechnik.

Schutzklasse IP65.

Unterschiedliche Anzahl von Kabeldurchführungen möglich.



EXPERT-SBC-RFID.jpg



Expert-SBC-PG.jpg

Schnittstellenabdeckung mit PG-Verschraubungen



expert-desktop-mount.jpg

Standfuss zur Gerätemontage auf dem Tisch.

Unterschiedliche Ausführungen für EXPERT 1500 / 1700 und 1900.



Für weitere Informationen stehen wir gerne zur Verfügung

| | | | | | | | | | |
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