



## EXPERT SE

### **Industrial PC - EXPERT 1500 SE XGA A2C T 69K - 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 IP69k  
CPU ATOM D525 2x 1,8 GHz, 4 GB RAM, SSD 128 MCL  
15" LCD TFT, 1024x768, resistive touchscreen  
3x RS232, 1x RS232/422/485(option), 4xUSB2.0, 1xGbE  
PS/2 für KBD/ Mouse, MINI PCI Express, PCI 104  
Working temperature: -5°C to 45°C  
Power supply: 230V AC, 60 VA, internal  
Cable outlet: protected/ below  
Mounting: side / threaded holes  
WxHxD: 400x325x130 mm, 12 kg



# Specification

| Device specification    |                 |                 |
|-------------------------|-----------------|-----------------|
| material:               | material        | V2A / V4A       |
| surface: outside,       | outside         | brushed         |
|                         | inside          | polished        |
| 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 resistiv |
| PC-System specification |                 |                 |
| CPU                     | Name            | ATOM D5252      |
|                         | # of Cores      | 2               |
|                         | Frequency (GHz) | 1,8             |
|                         | Fan             | ●               |
| RAM                     | Standard (GB)   | 4               |
|                         | Maximum (GB)    | 4               |
| Mass storage            | SSD (GB)        | 128             |
|                         | HDD (GB)        | ○               |
|                         | CF (GB)         | ○               |
| Interfaces externally   |                 |                 |
| Serial                  | RS232           | 4               |
|                         | RS422/485       | ○               |
| USB                     | USB 2.0         | 4               |
|                         | USB 3.0         | -               |
| Monitor connections     | DisplayPort     | -               |
|                         | HDMI            | -               |
|                         | DVI             | -               |
|                         | VGA             | 1               |
| Ethernet                | 1000 Mbit/s     | 1               |
|                         | 100 Mbit/s      | -               |
| Mouse/Keyboard          |                 | 1               |
| Slots                   |                 |                 |
| PCI104                  |                 | 1               |
| ISA                     |                 | -               |
| PCI                     |                 | -               |
| Mini PCIe               | Full size       | 1               |



|                                   |                  |               |
|-----------------------------------|------------------|---------------|
|                                   | Half size        | -             |
| 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               | 69K           |
| 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-front2.jpg**



**EXPERT-SE-Interface-open.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

|    |                           |                          |       |              |   |     |                       |                   |                  |
|----|---------------------------|--------------------------|-------|--------------|---|-----|-----------------------|-------------------|------------------|
| D  | FORSIS GmbH               | Schwanenstr. 5           | 88214 | Ravensburg   | T | +49 | (0) 751<br>76414 363  | info@forsis.de    | www.forsis.de    |
|    |                           | An der<br>Straßenbahn 10 | 31157 | Sarstedt / H | T |     | (0) 5066<br>90229 160 |                   |                  |
| CH | FORSIS Schweiz<br>GmbH    | Solothurnstr. 154        | 2504  | Biel         | T | +41 | (0) 32 333<br>1073    | info@forsis.ch    | www.forsis.ch    |
| A  | FORSIS<br>Österreich GmbH | Höchster Str. 24         | 6850  | Dornbirn     | T | +43 | (0) 5572<br>3727 09   | info@forsis.at    | www.forsis.at    |
| NL | RBK<br>Automatisierung bv | Keulenstraat 18          | 7418  | ET Deventer  | T | +31 | (0) 570 680<br>116    | info@forsis-nl.nl | www.forsis-nl.nl |
| S  | AceIQ AB                  | Stridsvagnsvägen         | 29139 | Kristianstad | T | +46 | (0) 763 18<br>42 18   | info@aceiq.com    | www.aceiq.com    |



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