

Industrial PC

All your requirements combined in one device
- slim, cost-efficient and flexible



Powerful, modular system architecture – future upgradable

- ▶ super-slim housing, easy to integrate, easy to assemble
- ▶ high-brightness display with LED backlight
- ▶ continuously dimmable
- ▶ Intel® processor
- ▶ reliable in the harshest of environments
- ▶ low temperature and heat resistant
- ▶ wireless communication GPRS/UMTS or WiFi (802.11a/b/g/n)

Industrial PC "UniDat Basic Slim"

Slim, cost-efficient and flexible

Reliable under harsh conditions, upgradeable and sustainable SOLCON's UniDat Basic Slim is one of the most compact and slim Industrial PCs on the market. Designed for the harshest of environments and able to deal with the most demanding of shop floor applications it combines robustness and powerful computing performance with a product that will be around for a long time to come. Equipped with energy-saving Intel® processors, available in Single- and Dual Core versions, the flexible configurable UniDat Basic Series can run multiple software applications such as process visualization or industry automation. As well as this Corporate network integration is established via Wireless LAN or Ethernet Adapter and numerous interfaces connect machines and other peripheral devices. Most important for Human Machine Interfaces is the right display choice. The display sizes for the Unidat Series vary from 15- up to 19-inch screens. High contrast and bright touchscreen with LED backlight, continuously variable by a front button, offer maximum operator viewing comfort. The aluminium housing protects the electronics against water and dust. For extremely tough environments the optional impact- and scratchproof glass-film-glass technology ensures system durability. The industrial PC's modular, upgradeable design enables technological and mechanical modifications. With over 20 years experience SOLCON Systemtechnik offers innovative engineering services on the base project so as to develop and deliver customer specific solutions upon request.

Specifications

Material

Aluminium, milled on all sides

Housing

Dimensions [mm]: 15" (365x290x65)

Weight: appr. 4,9 kg

Dimensions [mm]: 17" (400x325x70)

Weight: appr. 5,9 kg

Dimensions [mm]: 19" (435x360x70)

Weight: appr. 6,9 kg

Display TFT and Touchscreen

15" colour screen 1024 x 768 (XGA)

17" colour screen 1280 x 1024 (SXGA)

19" colour screen 1280 x 1024 (SXGA)

LED backlight display, 400cd/m² -600cd/m²

brightness, durable 5-wire technology

Touchscreen, resistive, AR coated lightly

Optional: glass-film-glass-touch 19" touchscreen

System Performance

Industrial low power board, CPU from 2GHz

Intel® J1900

4GB RAM DDR3 RAM (max. 8GB) main- board / SSD

Flash memory CF-Card operating system for WES 2009 (instead of mainboard)

Windows® 7 or 8 Professional / embedded

Power Supplies

Internal 230V AC power supply

Interfaces

USB bootable

Gbit-Ethernet with PXE-Function

RS232

Cover shielded:

Gbit-Ethernet, 2 x USB 2.0, 1 x VGA

RS232/485, Mini PCI Slot assembled

Environmental Conditions

Operating temperature: 0°C – 55°C

Optional low temperature: -25°C – 55°C with thermostat controlled heaters

Shock- and vibration resistant

Relative humidity: 10% - 95%, not condensing

Dust and water sealed enclosure IEC 60529, IP 54 (optional IP65)

Network Connection

2 Ethernet 10/100/1.000 Mbits

Cover shielded:

Wireless LAN IEEE 802.11 a/b/g/n

Accessories

Internal UPS

Multiple mounting brackets, rotating tilt and swivel

Several Keyboard options

Software-keyboard

Adapter cables