Steelpower

SH15 and SH21

SOREDI
touch systems
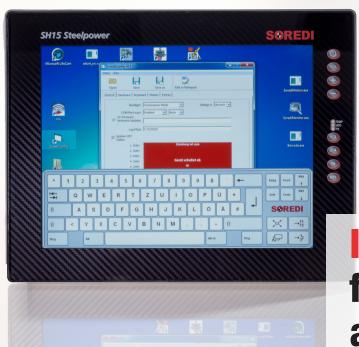

The elegant Industrial Computers SH15 and SH21 Steelpower contain projective, capacitative touch panels in stainless steel chassis. The front consists of hard glass – which eliminates any wear on the multi-touch operation.

Industrial Computer
for food, life sciences and pharmaceutical

The IPC have been developed and produced in-house. They are designed especially for operation in rough environments.
For this reason the SH15 and SH21 Steelpower contain modern industry-proven components, which ensure reliable performance under extreme conditions.

The strong 4mm bulletproof glass layer above the screen withstands acid, cleaning- and disinfectant fluids as well as extreme operational demands. Behind the glass there is a projective and capacitive touch panel. A special sensitivity control allows for reliable gesture control – and this even when wearing gloves. The slim stainless-steel chassis contains an energysaving Intel DualCore processor. The LED display allows to operate without any problems in temperature range of -35°C to +45°C.

SH15 and SH21 Steelpower are suited for application in food processing, medical, chemistry or pharmaceutical industry. All required keys are touch keys and are protected by the glass front. The IPC can be cleaned with disinfectant and steam blaster without difficulty.

Highlights

- Multi-Touch operation on the glass panel, also wearing gloves

- Particularly resistant against mechanical impact like shock and vibration

- Good protection against dust and moisture (IP65 to 69K) - certified for use in the food industry

- Low temperature usage without heating in a temperature range from -35°C to +45°C

- Display with LED-Backlight, to XGA solution and 450 cd/m²

- CPU: Intel Dual Core 2 x 1,33 GHz with 2 GB

- Windows® 7 Professional and Windows® Emb. Standard 7

- Motion Sensor, programmable unit controller

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Technical Data SH15 and SH21 Steelpower

Chassis		Stainless Steel V4A chassis
	Mounting	Bracket for stationary and mobile use
	Size	SH15: 380 x 305 x 70 mm, SH21: 560 x 365 x 80 mm
	Weight	SH15: 9,5 kg, SH21: 14kg
Display LED (internal)		SH15: 15,0" Colour-TFT, XGA 1024 x 768, 450 cd/m², 9,5 watt
		SH21: 21,5" Farb -TFT, Full HD 1920 x 1080, 300 cd/m², 19,5 Watt
Touch-Screen		Multi-Touch, projective capacitive touch with glas front in carbon design
Architecture	CPU	Intel Dual Core 2 x 1,33 GHz with 2 GB
	RAM	2 GB DDR 3
	Sound	On Board: high definition audio incl. amplifier
Software	Operating system	Windows® 7 Professional, Windows® Embedded Standard 7
	Emulation/Browser	VT100, VT220, IBM 5250, Citrix Client, Freefloat, Naurtech
Software certified		Pick by Voice, SAP
Mass storage	SSD	-
	CFast	CFast 32 GB, 64 GB, 128 GB
Interfaces below	RS232	2 x RS 232, with 5 or 12 VDC available for scanner
	USB	2 x USB 2.0, 1 x USB 3.0
Internal slots	WLAN, WWAN	1 x PCIeMini Card for WLAN or combi module WLAN/Bluetooth
	USB	1 x USB 2.0
	Sound	1 x Sound
Network connection	WLAN	-
	RJ45	Ethernet 10/100/1000 MBit/s on Board
Aerials		
Power supply (internal) for	AC voltage	110/230 VAC, 64 W, 50 to 60 Hz
	Direct current	12/24 VDC and 24/48 VDC voltage, 40 W galvanically isolated;
		Voltage lack up to 6V respectively 12V for max. 20 seconds bridgeable
	Power consumption	Typical 18 watt
Features	Automatic shut-off	
	Frontkeys	S1-S4, KEY request, light/dark
Environmental conditions	Protective System	IP69 K (after approved assembly of the cable cover)
	Test symbol	CE/FCC Class A
	Temperature ranges	Operation: -35° bis +45°C, storage: -40° bis +70°C
	Rel. humidity	10% to 90% at 40°C, non-condensing
	Vibration/Shock	class 5M3 standard EN 60721-3-5: 1998