

# TL Electronic GmbH – since 1983

## IP65 Stainless Panel PC

### “SlimLine ES”

Perfect Industrial IT **TL** electronic

## 15", 17", 19"

Intel® Atom  
“SlimLine ES xx-AT”



#### PERFORMANCE

CPU	Intel® Atom N270: 1600 MHz
System memory	1024 / 2048 MB DDR2
Power supply	12 V <sub>DC</sub> input, external power supply incl.

#### LCD

15"	1024 × 768, 250 cd/m <sup>2</sup> , 700:1
17"	1280 × 1024, 300 cd/m <sup>2</sup> , 800:1
19"	1280 × 1024, 300 cd/m <sup>2</sup> , 800:1
Touchscreen	optional resistive 4-wire ELO or Premier

#### SYSTEM DESIGN

Board system class	“industrial grade”
Chipset	Intel 945GSE / ICH7M
Ethernet	10/100/1000 Mbit/s, RJ-45
Graphic	224 MB shared memory
Audio	AC97 audio codec

#### DRIVES

HDD	2.5" 80 GB
Solid State Disk	optional Compact-Flash „industrial grade”

#### INTERFACES (incl. cables with IP65-protected connectors)

RS-232	1 optional 2
USB	2 (via Y-cable)
LAN	1 × RJ-45
Power	12 V <sub>DC</sub> input

#### CONSTRUCTION

Dimensions	15"	384 × 311 × 61 mm
	17"	416 × 350 × 61 mm
	19"	460 × 385 × 63 mm
Material	stainless steel	
VESA mounting	100 × 100 mm connector	
Ventilation	fanless, passive	
Controls	rear: power, reset	

#### QUALITY / TESTS

Burn-in stress test	min. 24 hours
Climatic stress test	40° C ambient temperature
Customer specific tests	optional
Production	ESD protected
Quality management	according to ISO 9001:2000
Operating temperature	-0-45° C
Warranty	24 months



The full stainless steel Panel PC product line is designed to resist harsh environments, most corrosive lubricants or frequent cleaning – e.g. in food industry.

Optionally with **touchscreen**



The extremely rugged, easy to clean stainless steel housing is protected against dirt and water – all interfaces included – according to **IP65**. Cables with IP65-protected connectors are included.

**Perfect for applications in:** food industry, process engineering, pharmaceutical industry, medical technology, plant construction etc.



Errors and changes excepted

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