



Version  
01.00

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# Industrial Controller R&S<sup>®</sup> PSL3

## Specifications



**ROHDE & SCHWARZ**

## Specifications

<b>CPU</b>	Low Voltage Intel® Pentium III, 700 MHz or better
<b>Memory</b>	L2 Cache, 256 kbyte
	SDRAM, 256 Mbyte, extendable with option PSP-B2 to 512 MB
<b>Drives</b>	
Harddisk	3.5", 40 GB or better, 2nd HD with option R&S PSL-B7
DVD-Combodrive CD	up to 700 MB, CD-R read/write 24x/24x or better CD-RW read/write 24x/10x or better
DVD	up to 8.5 Gbyte, DVD read 8x or better
Floppy disk	3 1/2", 1.44 MB
<b>Internal Interfaces</b>	
Free slots PCI ISA	4 x 32 bit, max 330 mm x 106 mm 2 x 16 bit, max 337 mm x 121 mm
<b>External Interfaces</b>	
Display (max 1600 x 1200) DVI VGA	DVI-D connector 15-pin sub-D connector
USB	4 x USB 1.1 with 2 USB controller
Ethernet	2 x 10/100 MBit/s, RJ45
Serial	2 x RS-232-C (COM), 9-pin sub-D connector
Parallel	Centronics LPT1 (ECP, EPP), 25-pin sub-D connector
IEC/IEEE	IEC 60625-2 (IEEE 488.2), compatible with NI TNT, 24-pin Amphenol connector
<b>Software</b>	
BIOS	AWARD
Operating System (optional)	Windows XP embedded (english)
Measurement software (optional)	LabWindows/CVI
<b>General data</b>	
Rated temperature range	+5°C to +45°C, meets EN60068-2-1 or -2
Storage temperature range	25°C to +60°C, meets EN60068-2-1 or -2
Humidity (+40 °C, non-condensing)	80% relative humidity, meets EN 60068-2-3
Electromagnetic compatibility	meets requirements of EMC Directive 89/336/EEC, applied standard: EN 61326 (Immunity for industrial environment; Emission requirements class B)

Electrical safety	EN 61010-1
Mechanical resistance Vibration sinusoidal	non-operating mode meets EN 60068-2-6, MIL-T-28800 D class 5, 5 Hz to 150 Hz, max. 2 g at 55 Hz, 55 Hz to 150 Hz, 0.5 g const meets EN 60068-2-36, 10 Hz to 300 Hz, acceleration 1.2 g rms
Vibration random	
Shock	meets EN 60068-2-27, MIL-STD-810D, 40 g shock spectrum
Power supply	Power factor correction meets EN61000-3-2 100 V to 240 V (AC) ± 10%, 2.2 A to 0.15 A, 50 Hz to 60 Hz
Input Power consumption (base unit)	approx. 35 W
Dimensions (W x H x D)	465 mm x 150 mm x 517 mm (19"; 3 height units)
Weight (base unit )	approx. 9.5 kg

## Ordering information

Description	Type	Order number
Industrial Controller	R&S PSL3	1161.5000.02
<b>Accessoires supplied</b>	Pocket guide, driver (CD), power cable	
<b>Extras</b>		
2nd Harddisk, 40 GB	R&S PSL-B7	1157.6470.02
Keyboard, US character set, USB	R&S PSL-Z2	1157.6870.03
Mouse, optical, USB	R&S PSL-Z10	1157.7060.02
Operating System Windows XP embedded (english)	R&S PSL-K12	1157.7160.02
Operating System Windows XP embedded (english) + Labwindows/CVI, full development vers.	R&S PSL-K13	1157.7260.02
TFT Monitor 17"	R&S PMC3	1082.6004.04
19"-Rack Adapter for R&S PSL3	R&S ZZA-311	1096.3277.00
IEC Bus Cables		
0.5 m	R&S PCK	0292.2013.05
1 m		0292.2013.10
2 m		0292.2013.20
4 m		0292.2013.40



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