

### product type designation



### LPE9403

SCALANCE LPE9403; Local Processing Engine; 64-bit ARMv8 (4-core); 4 GB RAM; 16GB eMMC(pSLC); Debian Linux; 3x 10/100/1000 Mbit/s RJ45; 1x 100/1000 Mbit/s SFP; Contains 1 combo port; 1xUSB3.0; CLP slot; diagnostics LED; redundant power supply; assembly: DIN rail/S7 mounting rail .

### hardware configuration

design of the processor	64Bit ARMv8 A53, 4 core
processor clock frequency	1.4 GHz
design of the drive/storage medium / solid-state disk	Yes; eMMC (pSLC)
storage capacity / on solid-state disk	16 Gbyte
storage capacity / of the RAM	4 Gbyte
operating system / pre-installed	Debian Linux
product component / operating system / docker	Yes

### transfer rate

transfer rate	
<ul style="list-style-type: none"> <li>• 1</li> <li>• 2</li> <li>• 3</li> </ul>	10 Mbit/s 100 Mbit/s 1000 Mbit/s

### interfaces / for communication / integrated

number of 10/100/1000 Mbit/s RJ45 ports / integrated / with securing collar	3
number of combo ports / with RJ45 interface for optical plug-in transceiver	1; 100 or 1000 Mbit/s SFP plug-in transceiver

### interfaces / other

number of interfaces / according to USB	2
number of USB-A ports	1
number of USB-B ports	1
design of the removable storage / CLP	Yes

### supply voltage, current consumption, power loss

product component / connection for redundant voltage supply	Yes
type of voltage / 1 / of the supply voltage	DC
supply voltage / 1 / rated value	24 V
power loss [W] / 1 / rated value	16 W
supply voltage / 1 / rated value	19.2 ... 28.8 V
consumed current / 1 / maximum	0.66 A
type of electrical connection / 1 / for power supply	4-pole terminal block
product component / 1 / fusing at power supply input	Yes
fuse protection type / 1 / at input for supply voltage	3.15 A / 125 V

### ambient conditions

ambient temperature	
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> <li>• during transport</li> </ul>	-40 ... +60 °C -40 ... +85 °C -40 ... +85 °C
relative humidity / at 25 °C / without condensation / during operation / maximum	95 %

protection class IP	IP20
<b>design, dimensions and weights</b>	
design	compact
width	134 mm
height	147 mm
depth	127 mm
net weight	1.6 kg
fastening method	
• 35 mm top hat DIN rail mounting	Yes
• wall mounting	Yes
• S7-300 rail mounting	Yes
• S7-1500 rail mounting	Yes
<b>product functions / management, configuration, engineering</b>	
protocol / is supported	
• SSH	Yes
• HTTP	Yes
• HTTPS	Yes
• FTP	Yes
• LLDP	Yes
• DCP	Yes
• NTP	Yes
• SNMP v2	Yes
• SNMP v3	Yes
• SNTTP	Yes
• SSL	Yes
<b>product functions / diagnostics</b>	
• product function / SysLog	Yes
• product function / backup device configuration	Yes
• Product function / User administration	Yes
• product function / port diagnostics	Yes
• product function / CLI	Yes
• product function / web-based management	Yes
• product function / MIB support	Yes
• product function / PROFINET IO diagnosis	Yes
• product function / DHCP client	Yes
<b>standards, specifications, approvals</b>	
standard	
• for FM	to follow
• for hazardous zone	to follow
• for hazardous zone / from CSA and UL	to follow
• for emitted interference	EN 61000-6-4:2001 (Class A)
MTBF	29 a
<b>standards, specifications, approvals / CE</b>	
certificate of suitability / CE marking	Yes
<b>standards, specifications, approvals / other</b>	
certificate of suitability	
• C-Tick	Yes
• ATEX	Yes
• IECEx	Yes
• CCC / for hazardous zone according to GB standard	Yes
• railway application in accordance with EN 50121-4	Yes
• Regulatory Compliance Mark (RCM)	Yes
• EAC approval	Yes
<b>further information / internet links</b>	
internet link	
• to website: Industry Mall	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
• to website: Industry Online Support	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
<b>security information</b>	
security information	Siemens provides products and solutions with industrial security functions that

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