# SIEMENS

## Data sheet

## 6GK5998-3GS00-2AC2

| 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 | 38 Gibyte |
| storage capacity / of the RAM | 4 Gibyte |
| operating system / pre-installed | Debian Linux |
| product component / operating system / docker | Yes |
| **transfer rate** | |
| transfer rate | 10, 100, 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 | |
| ● during operation | -40 ... +60 °C |
| ● during storage | -40 ... +85 °C |
| ● during transport | -40 ... +85 °C |
| relative humidity / at 25 °C / without condensation / during operation / maximum | 95 % |
| protection class IP | IP20 |
| **design, dimensions and weights** | |
| design | compact |

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| | |
|---|---|
| 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 |

## product functions / management, configuration, engineering

| | |
|---|---|
| protocol / is supported | |
| ● SSH | Yes |
| ● HTTP | Yes |
| ● HTTPS | Yes |
| ● FTP | Yes |
| ● LLDP | Yes |
| ● DCP | Yes |
| ● NTP | Yes |
| ● SNMP v2 | Yes |
| ● SNMP v3 | Yes |
| ● SNTP | Yes |
| ● SSL | Yes |

## product functions / diagnostics

| | |
|---|---|
| ● 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 |

## standards, specifications, approvals

| | |
|---|---|
| standard | |
| ● for emitted interference | EN 61000-6-4:2001 (Class A) |
| MTBF | 29 a |

## standards, specifications, approvals / CE

| | |
|---|---|
| certificate of suitability / CE marking | Yes |

## standards, specifications, approvals / other

| | |
|---|---|
| certificate of suitability | |
| ● C-Tick | Yes |
| ● KC approval | 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 |

## further information / internet links

| | |
|---|---|
| internet link | |
| ● to website: Industry Mall | https://mall.industry.siemens.com |
| ● to website: Industry Online Support | https://support.industry.siemens.com |

## security information

| | |
|---|---|
| security information | Siemens provides products and solutions with industrial security functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial security concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and |

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