

product brand name	SCALANCE
Technical Product Detail Page	https://i.siemens.com/1P6GK8580-8SB00-3AA0
interfaces	
number of electrical/optical connections / for network components or terminal equipment / maximum	9; SFP+
number of electrical connections / for external antenna(s)	9
WAN connection	
type of wireless network / is supported / 5G private networks	Yes
frequency band / is supported / 5G Standalone (SA)	n78/n77
supply voltage, current consumption, power loss	
supply voltage / rated value	230 V
•	
type of voltage / of the supply voltage	AC
consumed current	
• at rated supply voltage / maximum	0.4 A
power loss [W] / typical	70 W
ambient conditions	
ambient temperature	
• during operation	-5 ... +55 °C
• during storage	-40 ... +70 °C
• during transport	-40 ... +70 °C
relative humidity / at 25 °C / during operation / maximum	95 %
protection class IP	IP30
design, dimensions and weights	
width	0.422 m
height	0.044 m
depth	0.31 m
net weight	5 071 kg
material / of the enclosure	SGCC
fastening method	19" rack mounting; mounting kit for 19" rack mounting included, requires front and rear mounting on 19" mounting rails
standards, specifications, approvals	
standard	
• for EMC	frame standards: ETSI EN 301 489-1 V2.2.3 and basic standards: EN 55011:2016 + A1:2017 + A2: 2021 + A11:2020 CISPR 11:2019 (CISPR 11 (2015-06) + AMD 1 (2016-06) + AMD 2 (2019-01))
• for emitted interference	basic standards: EN 55032:2015 + A1: 2020 + A11: 2020 CISPR 32 EDITION 2.1: 2019, EN IEC 61000-6-3: 2021, EN IEC 61000-6-4: 2018
• for interference immunity	basic standards: EN 55035:2017 + A11: 2020 CISPR 35:2016, EN IEC 61000-6-1: 2019, EN IEC 61000-6-2: 2019 (burst: 5 kHz and 100 kHz)
product conformity	
• according to IEEE 1588 v2-Precision Time Protocol	Yes
• SyncE	Yes
MTBF / at 40 °C	85 a
further information / internet links	
internet link	
• to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
• to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
• to website: Mobile radio national approval	https://www.siemens.com/mobile-approvals
• to website: Industrial communication	https://www.siemens.com/simatic-net
• to web page: SiePortal	https://sieportal.siemens.com/
• to website: Image database	https://www.automation.siemens.com/bilddb

- to website: CAx-Download-Manager
- to website: Industry Online Support

<https://www.siemens.com/cax>

<https://support.industry.siemens.com>

security information

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Approvals / Certificates

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