

product brand name	RUGGEDCOM
product type designation	APE1808ELAN
	RUGGEDCOM RX1500PN LM APE1808ELAN Line Module Application Processing Engine, Atom x5-E3940, 8GB RAM, DisplayPort, uSD, USB, ELAN FW
Technical Product Detail Page	<a href="https://i.siemens.com/1P6GK6015-0AL20-0GP0">https://i.siemens.com/1P6GK6015-0AL20-0GP0</a>
<b>hardware configuration</b>	
design of the processor	Atom x5-E3940
processor clock frequency	1.6 GHz
design of the drive/storage medium / solid-state disk	Yes; eMMC
storage capacity / on solid-state disk	80 Gbyte
operating system / pre-installed	Linux
<b>transfer rate</b>	
transfer rate	10, 100, 1000 Mbit/s
<b>interfaces / other</b>	
number of interfaces / according to USB	2
number of USB-A ports	2
<b>ambient conditions</b>	
ambient temperature	
• during operation	-40 ... +75 °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	IP30
<b>design, dimensions and weights</b>	
design	Media module
width	102.9 mm
height	19.7 mm
depth	162.5 mm
product feature / conformal coating	No
<b>standards, specifications, approvals</b>	
standard	
• for safety / from CSA and UL	IEC / EN / UL / CSA (62368-1, 60950-1)
• for emitted interference	CISPR 32 / EN 55032 / FCC Chapter 15 Class A
• for interference immunity	IEC 61000-6-2
<b>standards, specifications, approvals / CE</b>	
certificate of suitability / CE marking	Yes
<b>standards, specifications, approvals / other</b>	
• certificate of suitability / Regulatory Compliance Mark (RCM)	Yes
• certificate of suitability / EAC approval	Yes
<b>standards, specifications, approvals / Environmental Product Declaration</b>	
Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
• total	259.55 kg
• during manufacturing	13.3 kg
• during operation	246.21 kg
• after end of life	0.04 kg
<b>further information / internet links</b>	
internet link	

- to website: Selection guide for cables and connectors
- to website: Industry Mall/RUGGEDCOM selector
- to website: Industrial communication
- to website: Siemens RUGGEDCOM
- to web page: SiePortal
- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

- <https://support.industry.siemens.com/cs/ww/en/view/109766358>
- <https://www.siemens.com/ruggedcom-selector>
- <https://www.siemens.com/simatic-net>
- <https://www.siemens.com/ruggedcom>
- <https://sieportal.siemens.com/>
- <https://www.automation.siemens.com/bilddb>
- <https://www.siemens.com/cax>
- <https://support.industry.siemens.com>

## security information

### security information

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## Approvals / Certificates

### Environment



last modified:

11/14/2025 