



**ELGATO Communications is a European company specialized on development and manufacturing of telecommunication equipment**

**We offer:**

- Multichannel GSM-gateways (E1/PRI, SIP, H.323. 4-32 channels, 19" rack-mountable, height 1U & 4U)
- SIM-Server
- SIM-Bank (200 SIM cards)
- 8-channel GSM-card ISA/PCI series (100% Linux/Asterisk compatible)
- GPS/GSM alarm/tracking device
- Power GSM-switch (with 6 power outlets for 220 V, on/off control by SMS)

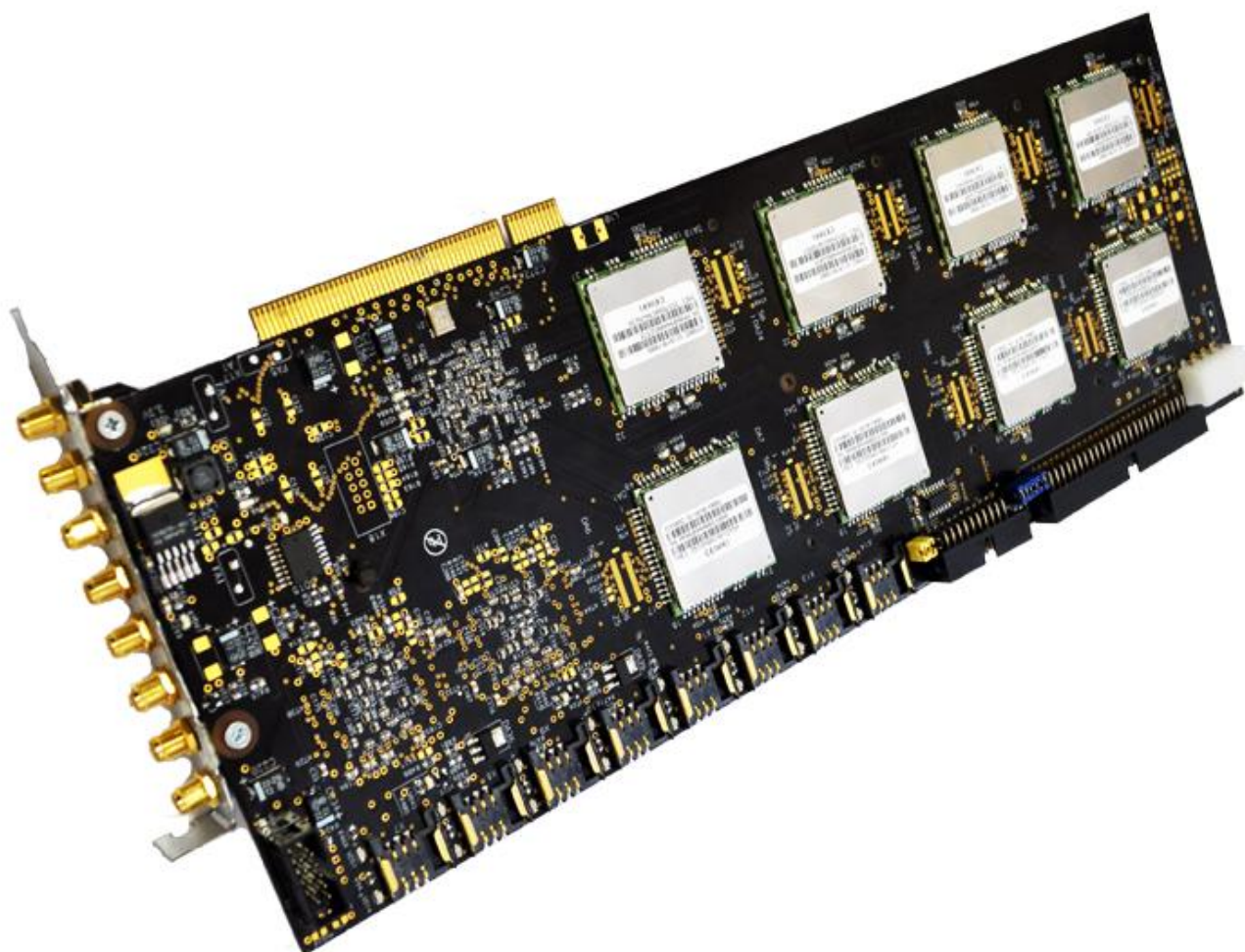
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## 4-channel and 8-channel GSM-card, ISA/PCI series



# Technical specification

The ELGATO Communications 8-channel GSM-cards (ISA/PCI series) provide scalable connectivity to GSM networks for your Linux machine. It comes with drivers for the Linux 2.6.16 kernel. Multiple GSM-cards can be interconnected over an external PCM bus. This card can be connected to any other card type to build a real TDM switched PBX.

<b>PRODUCT NAME:</b>	<b>4-channel or 8-channel GSM-card ISA/PCI series</b>
<b>TARGET APPLICATIONS</b>	<ul style="list-style-type: none"><li>• GSM connectivity for PBX</li><li>• Mobile PBX</li><li>• GSM VoIP gateway</li><li>• SMS gateway</li><li>• GSM callback services</li><li>• Telemetry (custom drivers)</li></ul>
<b>REQUIREMENTS</b>	<ul style="list-style-type: none"><li>• CPU +1000 Mhz</li><li>• RAM 256+ MB</li><li>• Linux 2.6.16</li><li>• 32bit PCI slot</li></ul>
<b>FEATURES</b>	<ul style="list-style-type: none"><li>• 1 SIM card per GSM channel</li><li>• Hot swappable SIM holders</li><li>• 100% compatible with EU and US GSM networks (900/1800/1900 MHz) and with Brazil and Japan networks.</li><li>• Two independent serial ports to each GSM module (for control and firmware update)</li><li>• Optional SIM-server functionality available (unlimited SIM per channel with SIM-bank, swappable during operation)</li><li>• High audio quality (noise suppression, echo cancellation)</li><li>• Fast call setup</li><li>• DTMF detection</li><li>• GSM data connections</li><li>• GPRS data connections</li><li>• PCM connectors</li><li>• 100% Linux/Asterisk compatibility</li></ul>
GSM channels	4 or 8
Network types	GSM (900/1800/1900 MHz) или UMTS (2100 MHz, custom)
GSM engine	SimCom 300DZ
Transmitter power	2 W (1 W)
SIM card	Small plug-in, 3V, 1.8V
Antenna connector	SMA (female) Impedance 50 Ω
<b>Antenna</b>	
Directed	High gain YAGI connected by coaxial cable, length:10m or longer (optional)
Discreet	Small discreet antennas with magnet base
<b>MAINS</b>	
Power supply	Suitable for 3.3 volts and 5.0 volts 32 bit PCI slots
Local control	8 color LEDs (network state indicators)
Remote control	Telnet, SSH
<b>OTHERS</b>	
Dimensions	340 x 132 mm
Weight	est.110 g
Operating temperature	-20 °C to +45 °C
Storage temperature	-40 °C to +85 °C
Relative humidity	Max 95 % at 40 °C
Recommended	Air condition, UPS, grounding

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