

Fanvil GA200-4E VoIP Gateway (GA200-4E)



Product Name: Fanvil GA200-4E VoIP Gateway (GA200-4E)

Manufacturer: Fanvil

Model Number: GA200-4E

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The Fanvil GA200-4E gateway features a 1U height standard rack-mountable design. Based on a hardware architecture of POWERPC and DSP, it runs an embedded Linux system. It can be used to connect the PSTN and enterprise switches to IP-based telephone networks or IP PBXs, providing a powerful, stable, reliable, and cost-effective VoIP solution for high-capacity IP call centres and multi-branch offices. The GA200-4E supports E1/T1 access and can be adapted to different scales of digital trunk requirements. It features compatibility with various signalling protocols including SS1, SS7, and ISDN, ensuring strong interoperability. Designed with a carrier-grade redundant power supply, daemon processes, and a hardware watchdog, it guarantees stable system operation and high availability. Fanvil GA200-4E Technical Specifications:

Generic

- 4-channel (E1/T1) voice
- 120-channel concurrent calls
- Free call conversion between TDM and IP
- IMS registration
- Primary and backup PCM lines
- Simultaneous registration of multiple servers (primary and backup)
- ACL extension registration and web access support
- Number change
- Enable/disable Echo Cancellation (AEC)
- Call filtering rules: whitelist, blacklist, number pool
- Number location
- SIP trunk primary
- NAT traversal
- Daemon processes and a hardware watchdog ensure high system availability

Audio

- Narrowband codecs: G.711A, G.711U, G.723, G.729, G.722, iLBC, AMR, SILK, Opus
- DTMF: In-band, Out-of-Band (RFC2833 / SIP INFO / INBAND)
- Acoustic Echo Cancellor (AEC)

Features

- 4 E1 (T1) access
- Signalling protocols: SS1, SS7, ISDN, SIP v1.0/2.0, RFC3261
- Fax: supports T.38 and T.30
- SIP trunk group and PCM trunk group routing
- Master/slave clock settings
- Number change
- E1 hot standby
- Gain adjustment for IP side and PSTN side
- Called number transformation based on number pool rules

Network

- 10/100/1000 Mbps Ethernet
- IP mode: IPv4/IPv6

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- IP configuration: Static IP / DHCP
- IP address and DNS domain name resolution
- VPN client support
- Firewall

Protocols

- TCP, UDP, HTTP, HTTPS, ARP/RARP, DNS, NTP, TFTP, TELNET, STUN, SRTP, TLS, SIP/IMS, SNMP

Deployment & Management

- Administrator authentication
- Web interface configuration and software package update
- Supported languages: Chinese, English, Russian
- Firmware upgrades
- Web-based ping test / tracer test
- Syslog (Error, Warning, Info, Debug)
- Third-party centralised management support

Other Physical Features

- 4 x E1 interface
- Power ports: 2
- 2 x adaptive Gigabit Ethernet ports
- Console port: 1
- Lightning protection grade: Level 4
- Reset button: press and hold 8 seconds to restore factory settings
- Indicator lights: PWR, RUN, ALM, PCM
- Power consumption: <12W
- Working temperature: 0°C to 45°C
- Storage temperature: -20°C to 85°C
- Working humidity: 8% to 90%, no condensation
- Storage humidity: 8% to 90%, no condensation
- Product weight: 3.4 kg (4.5 kg with packaging)
- Dimensions (W x D x H): 44.0 x 26.7 x 4.4 cm

Package Contents

- 1 x Fanvil GA200-4E VoIP Gateway

Please Enquire