

## Fanvil GA200-1E VoIP Gateway (GA200-1E)



Product Name: Fanvil GA200-1E VoIP Gateway (GA200-1E)

Manufacturer: Fanvil

Model Number: GA200-1E

Please Note: This unit is fitted with dual power ports for redundant power supply. Please see product attributes for power supply options.

### Fanvil GA200-1E VoIP Gateway (GA200-1E)

The Fanvil GA200-1E 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 GA200-1E 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 GA200-1E Technical Specifications:

#### Generic

- 1-channel (E1/T1) voice
- 30-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)
- Acoustic Echo Canceller (AEC)

#### Features

- 1 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

## Fanvil GA200-1E VoIP Gateway (GA200-1E)

### Network

- 10/100/1000 Mbps Ethernet
- IP mode: IPv4/IPv6
- 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, TLS, SRTP, TFTP, TELNET, STUN, 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

- 1 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, FXS
- Power consumption: <9W
- 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 GA200-1E VoIP Gateway

**Please Enquire**