



## AT-AR027 FXS-VoIP Port Interface Cards (PICs)

### AT-AR027 FXS-VoIP

The AT-AR027 FXS (Foreign Exchange Service) Port Interface Card (PIC) provides low-density, high-quality, full-duplex, inter-site voice/fax communication over IP. Combined with an Allied Telesis router or Rapier™ Layer 3 switch it will allow up to eight telephones or faxes to be connected to a Local Area Network.

### Industry Standard Compatibility

The AT-AR027 fully complies with Industry Standard Protocols, such as VoIP, H.323 v2, SIP, G.711 A/μlaw, G.723.1 and G.729 A/B (optional).

### High Quality of Voice

The AT-AR027 also provides support for various voice CODECs i.e. G.711 (A/μlaw) vocoder 64Kbps, G.723.1 (5.3 and 6.3Kbps) and G.729 A/B (8Kbps) (optional).

### Technical Specifications

#### Physical Dimensions

Height: 18mm  
Width: 84mm  
Depth: 120mm  
Weight: 0.098kg

#### Voice CODEC

G.711 A/μlaw, G.723.1, 5K3/6K3, G.729 A/B (Optional)

#### FXS Ports

2 x RJ-11 ports per card

#### LED Indications

Off Hook / Ring, PIC Error, Registered State

#### OS Minimum Requirement

AlliedWare™ 2.5.3

### Standards

VoIP  
H323v2  
SIP

### Host Device Occupancy

Device	No. of AR027 PICs supported
AT-AR410	One
AT-AR410S	One
AT-AR415S	One
AT-AR440S	One
AT-AR441S	One
AT-AR442S	One
AT-AR720	Two
AT-AR725	Two
AT-AR740	Up to a maximum of four
AT-AR745	Up to a maximum of four
Rapier 16f	Up to a maximum of four
Rapier 16fi	Up to a maximum of four
Rapier 24	Up to a maximum of four
Rapier 24i	Up to a maximum of four

### Key Features

- Cost savings on long distance calls
- Integration of voice and data networks
- Reduction of resource costs
- Use of open standards
- Port Interface Cards supports 2 POTS ports (RJ-11) per card
- Each PIC supports up to 2 attached analog devices (i.e. phone, fax)
- Voice compression to 5.3K per call with support for multiple algorithms
- Compliant with SIP and H.323
- Programmable country specific tones

### Ordering Information

AT-AR027  
Two VoIP FXS ports  
Order number: 990-001356-00

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