

BONA IP-PHONE BNIPP105-Series

Standard and Protocol

- Support Protocol
 - SIP : RFC3261
 - MGCP : MGCP 1.0 NCS 1.0
 - H.323 : Version 3/4
- Support two network function - NAT, Switch
 - Support NAT speed upto 40Mbps
- Support DHCP, DNS Server and TOD Client
- DHCP support for LAN or Cable modem
- PPPoE support for ADSL
- Set IP- Phone by HTTP web browser or Keypad
- Upgrade by FTP or TFTP
- Support G.711, G.723, G.726, G.729AB
- CNG (Comfort Noise Generation)
- VAD (Voice Activity Detection)
- Dynamic Voice Jitter Buffer
- G.168 Compliant Echo Cancellation
- Character / Graphic LCD



Supplementary Service

- Call Transfer
- 3-way Conference
- Call Hold
- Call Pick-up
- Call Waiting
- Call Forward on Ring-no-answer, Busy, and All
- Call Back on Busy
- Caller ID
- Selective Call Rejection
- Anonymous Call Rejection

Application Service

- STUN (Simple Traversal of UDP Through NAT)
- PSTN Backup Function
- Volume Control
- Speed Dial & Redial Function
- Phone Book Function
- Direct Call Function (Number or IP Addr)
- In-band and Out-of-band DTMF Signaling
- Digit Map Function
- Support SYSLOG Function
- Support Call History Record Function

Main Processor Feature

- TNETV1050
- MIPS32 4KEc 32-Bit Reduced Instruction Set Computer (RISC) Processor
 - 165 MHz Providing up to 223 Dhrystone Million Instructions Per Second (MIPS)
- Digital Signal Processor (DSP) C55x™
 - 125 MHz Providing up to 250 MIPS
- External Memory Interface (EMIF) Supports :
 - Two SDRAM Chip Selects Providing 128M Byte
 - Three Chip Selects Providing 16M-Byte Each RAM or ROM
 - One Chip Select Providing 32M-Byte Flash



Physical Specification and Environment

Size & Weight	168 x 173 x 80mm (L x W x H)
Operational temperature	0°C to 50°C
Storage temperature	0°C to 65°C
Humidity	10% to 90% no dew

Electric Characteristics

Voltage	5V DC, 2A
Power Adapter	ADC input 100 ~ 120 V(50Hz) or 220 ~ 240V(60Hz)
Network interface	IEEE 802.1 10/100 Base-T IEEE 802.3af PoE Interface

Sales Contact Information

Please call or E-mail to BONA Sales team.
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Model	Protocol
BNIPP105 -Series	SIP/MGCP/H323

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