



**OpenVox B800P Datasheet**

Octo S/T BRI Interface Card

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B800P is a PCI 2.2 compliant card supporting 8 BRI S/T interfaces, with an onboard Multiple NT power feeding circuits. NT/TE mode can be independently configured on each of the 8 ports. It can be used for building open source Asterisk® based systems such as ISDN PBX and VOIP gateway.

**Target Applications:**

- high performance ISDN PC cards
- SDN PABX for BRI
- VoIP gateways
- SDN LAN routers for BRI
- SDN least cost routers for BRI
- SDN test equipment for BRI

**System Requirements:**

- RAM 128 + MB
- Linux kernel 2.4.X or 2.6.X
- CPU 800+ MHZ
- 32 bit PCI version 2.2 Slot

**Physical Information:**

- Net weight (g) : 137
- Size (cm) : 17.1\*10.7\*1.8

**Features:**

- Eight integrated S/T interfaces
- ITU-T I.430 and TBR 3 certified and S/T ISDN supporting in TE and NT mode
- Integrated PCI bus interface (Spec.2.2) for 3.3V and 5V signal environments
- DTMF detection on all B-channels
- Multiparty audio conferences bridge
- RoHS compliant
- Onboard power feeding for 8 NT Ports
- PCM bus connectors daisy chaining
- Supporting Junghanns.NET™ Bristuff driver and mISDN© driver
- Application ready: Use Asterisk® to build your IP-PBX/Voicemail system.

**Misc:**

- Temperature Operation: 0 to 50°C
- Temperature Storage: - 40 to 125°C
- Humidity:10 TO 90% NON-CONDENSING
- Voltage:3.3V/5V/38V(NT ONLY)
- Power Dissipation Max:1.22W/1.85W/17.6W

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