



Aastra 800 Appliance

PC hardware for professional telephony

The Aastra 800 Soft PBX is an innovative call server for standard PC hardware providing a powerful communication system for professional requirements. The operating system, call server and interface cards are all pre-installed on the Aastra 800 Appliance; including all required drivers.

This guarantees quick and easy installation and also ensures long time operational reliability.

The Aastra 800 appliances and their components are certified for 24/7 operation.



Aastra 800 Appliance

Equipment

SIP Version Aastra 800-20

Designed for customers who are using up to 4 x SIP trunks and comes equipped with 4 x analogue extensions on board plus 10 x voice mail boxes.

Small ISDN Version Aastra 800-30

Designed for customers who are using up to 4 x ISDN BRI trunks (8 channels) and comes equipped with 4 x analogue extensions on board plus 10 x voice mail boxes and 1 x SIP trunk.

Medium ISDN Version Aastra 800-50

Designed for customers who are using up to 6 x ISDN BRI trunks (12 channels) and comes equipped with 8 x analogue extensions on board plus 20 voice mail boxes and 1 x SIP trunk.

Large ISDN Version Aastra 800-100

Designed for customers who are using ISDN PRI (up to 30 channels) and comes equipped with 8 x analogue extensions on board, 60 x voice mail boxes and 1 x SIP trunk.

All applications are certified for up to 200 subscribers and can be extended individually by gateway cards and licenses for additional features and subscribers.

The use of a solid state disc and the broad dimensions of the cooling system guarantee the high reliability of the Aastra 800 Appliances.

Technical Specification

- ✦ 24/7 operating hardware
- ✦ Intel Pentium Dual Core E5300 (2.60GHz, 800MHz, 2MB)
- ✦ 2 GB DDR3
- ✦ 2 x 10/100/1000 BASE-T (LAN, WAN)
- ✦ Fast Flash Disk 2.5" 64GB SSD, 3Gb/s
- ✦ 2 PCI- and PCIe- slots (half height), availability see table below
- ✦ Temperature-controlled silent fan
- ✦ Microsoft Windows 7/32 Bit
- ✦ Max. power consumption 300 VA, Idle < 30 VA
- ✦ Dimensions (H x W x D) 10.9 cm x 39.7 cm x 34.9 cm
- ✦ Weight < 9 kg (depending on type)
- ✦ Operating temperature 10° to 45°C
- ✦ 20% to 80% relative humidity (non-condensing)
- ✦ LAN and TDM-/POTS-ports on the back

Features

Terminals

- ✦ Aastra 6770ip system terminals
- ✦ Aastra 6700i SIP terminals
- ✦ Third-party SIP terminals
- ✦ Aastra 600d DECT system terminals in connection with DECToverIP® (calling lists etc. synchronised with wired phones)

- ✦ Operation of system functionality is optimised using Aastra 6770ip, Aastra 6700i and Aastra 600d
- ✦ Aastra 6770ip and 6700i are easy to configure using a web browser via the central administration interface

System Features

- ✦ Busy lamp field with pick-up
- ✦ Centralised system phonebook
- ✦ Calling and redialling lists – synchronised with other terminals and mobile phones of one subscriber
- ✦ Presence, e-voicemail, multi-site support, hotel application
- ✦ CSTA, TAPI and XML interface for third-party applications (licence required)

Network

- ✦ 2 ethernet interfaces for the physical separation of SIP trunk and / or Q.SIG-IP from the LAN
 - ✦ DHCP server for Aastra IP system and SIP terminals or DECToverIP® base stations; third-party terminals can also be supported with IP configuration if required
 - ✦ TFTP server for Aastra IP system and SIP terminals and DECToverIP® base stations
- ### SIP Trunk
- ✦ SIP trunks with different service providers supported and tested
 - ✦ SIP-DDI supported (prefix binding and others)

Applications

- ✦ OpenCTI 50 (32 user)
- ✦ Integrated voicemail by OpenVoice 200
- ✦ Other applications options available

Installation and Service

- ✦ Easy installation and adjustment of the system via Web-GUI (administration interface)
- ✦ DELL service for PC hardware (service tag to transfer to other countries outside Germany)
- ✦ Keep your hard drive service

Requirement

- ✦ Browser for configurations, maintenance and utilization of internal applications like OpenCTI 50
- ✦ Java necessary for some applications e.g. status monitor of Aastra 800

Part Numbers

- ✦ Aastra 800-20 68617018
- ✦ Aastra 800-30 68671015
- ✦ Aastra 800-50 68619014
- ✦ Aastra 800-100 68618016

Basic configurations of Aastra 800 Appliance

Aastra 800	Free PCI / PCIe	SIP trunks	ISDN BRI	ISDN PRI	Analogue user ports FXS	OpenCTI 50 (32 user)	OpenVoice 200 Boxes	License for Aastra 6770ip	License for Aastra SIP 6730i/6750i	License for generic SIP demo ¹
800-20	2 / 1	4	-	-	4	yes	10	3	3	3
800-30	2 / 0	1	4	-	4	yes	10	3	3	3
800-50	2 / 0	1	6	-	8	yes	20	3	3	3
800-100	2 / 0	1	-	1	8	yes	60	3	3	3

(1) In case that more than three SIP phones are used, a license for all SIP phones is required.

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