» Intel® J3455 with Quad-core 1.5 GHz frequency
» Intel HD® 500 with base frequency of 250 MHz
» 2 RJ45 Ports NBASE-T. Intel I225-V Ethernet Controller Gigabit
» 1 LED Storage indicator
» 1 LED Power status indicator
» 1 RJ45 entry for serial RS-232
» 64 Gb mSATA memory
» 2 MB Cache
» SIP 2.0 (RFC 3261) and RFC 2543. PJSIP, among others i depend on your configuration
» 1 RJ45 entry for serial RS-232
» 1 Headphone output and 1 Microphone input
» 1 VGA output maximum resolution of 2048×1536
» 1 HDMI output maximum resolution 3840×2160
» VGA + synchronous or asynchronous HDMI
» DC power supply 12-19V/5A

4 USB PORTS	64G SSD	2 NETWORK INTERFACES	RAM MEMORY	GIGA NETWORK INTERFACE

The IAP 1000, is an industrial appliance, that is, a platform for services, which can aggregate any software/service solution or operating systems (Windows® 10, Linux, among others), more specifically for applications in corporate communication, as is the case of PABx developed in Asterisk.

Generic technical specifications

LED for signaling	2 LEDs: 1* On indicator and 1* HD indicator
Feeding	12 V~19 V power band
Power button	1* Push button button for on and off function
Reset button (RST)	1* Push button button for equipment restart function
USB port	2* USB2.0 and 2* USB3.0 Supports Max. +5V/1A
COM1 Port	1* RJ45 Port RS-232
Audio	1* AUDIO output and 1* MIC input
Video	1* VGA max. supported resolution 2048x1536 and 1* HDMI max. supported resolution 3840*2160
Chart Control	Intel HD Graphics
Source connector (DC 12V~19V)	1* Connector for external source P4.
Serial	1 port RJ45 COM.

Network technical specifications

Network interface (LAN 1/2)	10/100/1000 Mbps - RJ45
Processor	Apollo lake serial Processor - Intel J3455 Celeron
RAM	4 GB of installed RAM and DDR3 SODIMM 204 Socket Ram socket.
Memory	64 GB of mSATA storage
	1* SATAII standard port, Maximum throughput 3Gb/s
	1*M-SATA Socket, Support for SanDisk protocol, maximum rate 3gb/s
Bus expansion	1* Mini-PCIe socket, supports PCIE and USB signal equipment
Compatible systems	Windows ® 10
	Linux distributions (Fedora, Ubuntu, others)
	Free PBx
Server	J3455 CPU, 4G RAM, 64G SSD, WIFI 5.0
Network operation mode	2 LAN GB ports

Product technical specifications

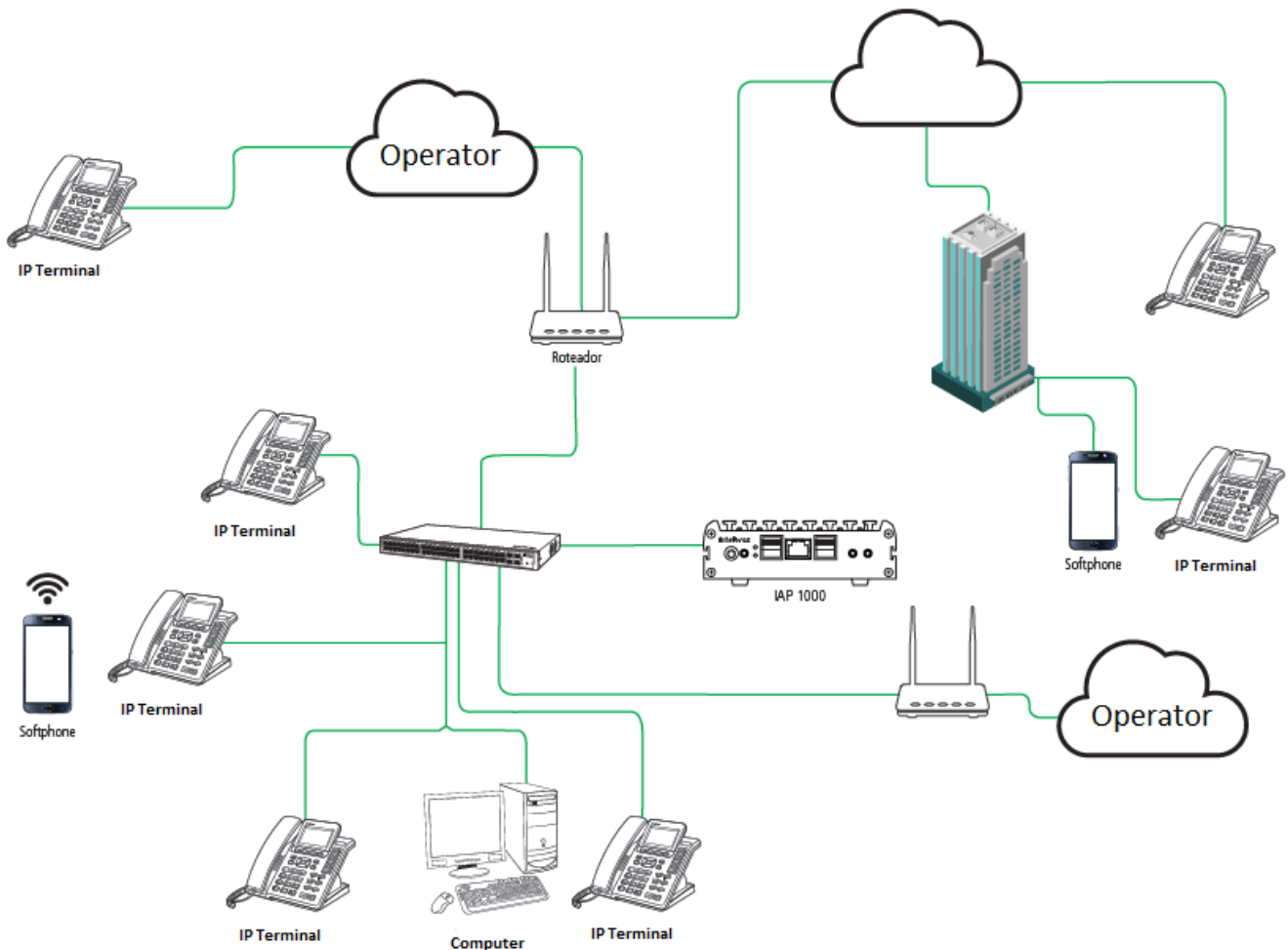|	
Dimensions (L x A x P)	134 × 126 × 40.6 mm
Weight	1.5 kg
Power supply	External source (Automatic bivolt external source with 12V/5A output) -
Maximum consumption power	60 W
Operating temperature	-20°C ~ +60°C
Humidity	0% ~ 95%

Product Photos

Application Scenario - Solution in Asterisk 16 PABx with 99 extensions
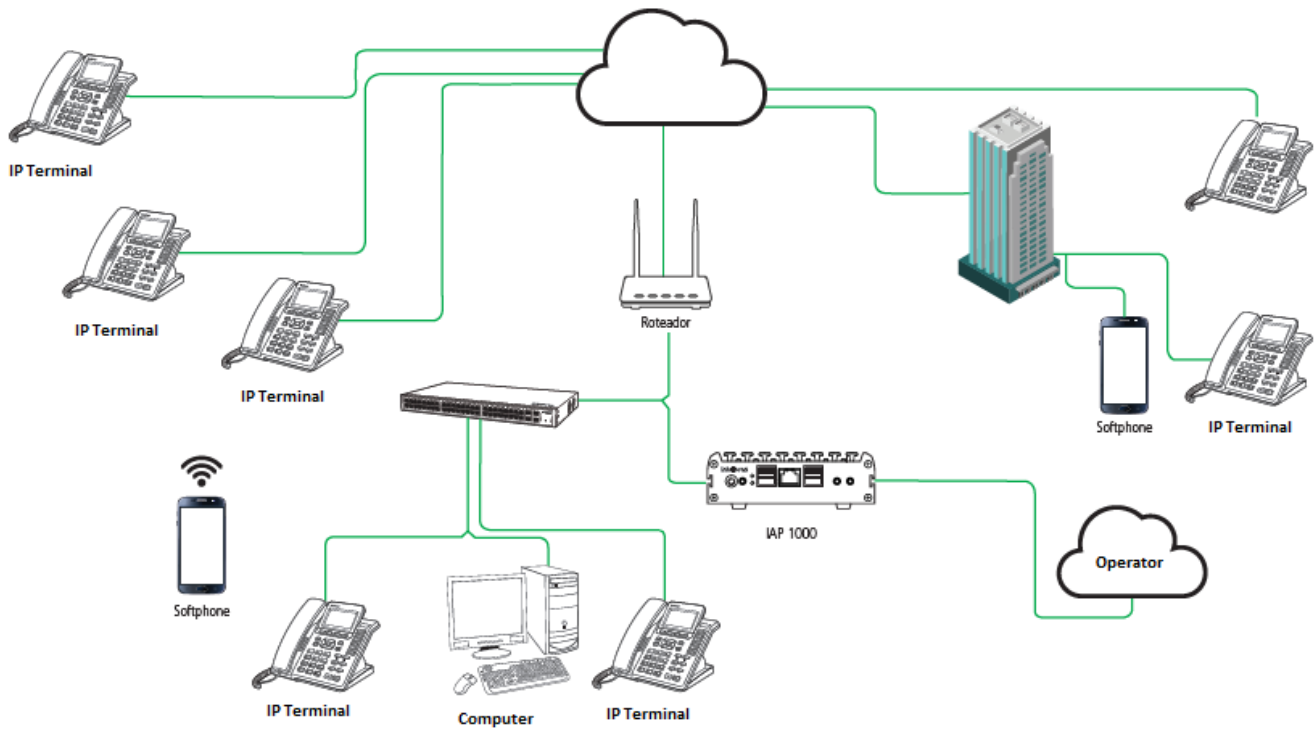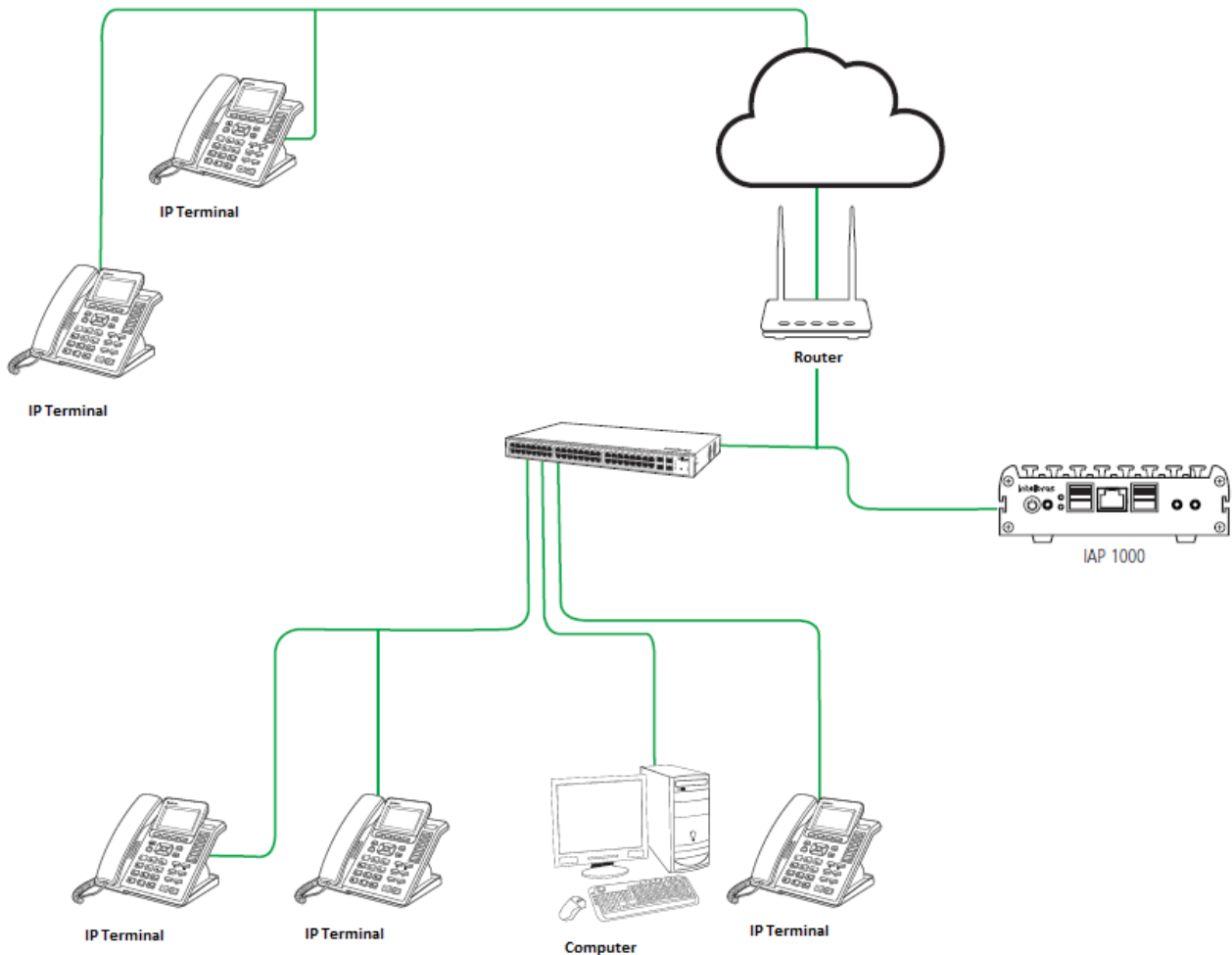

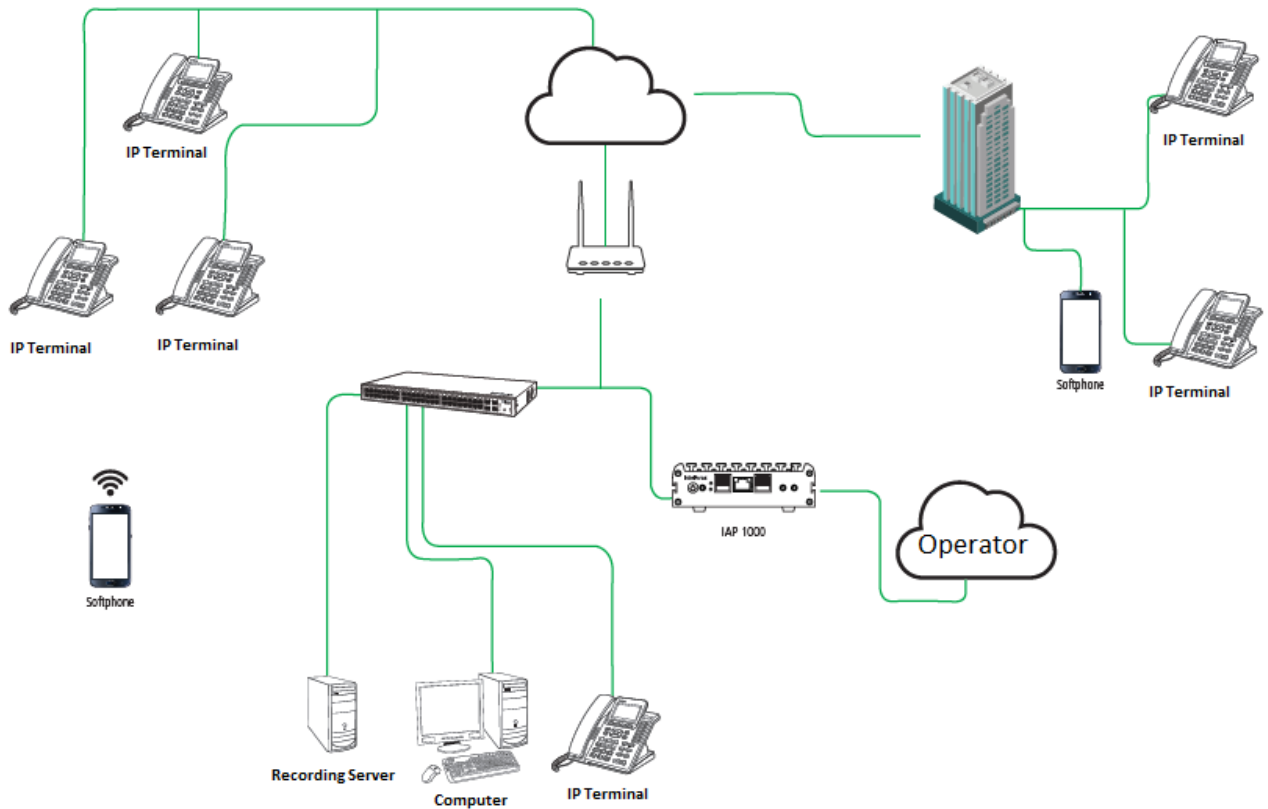## Application Scenario – Voice balancer solution
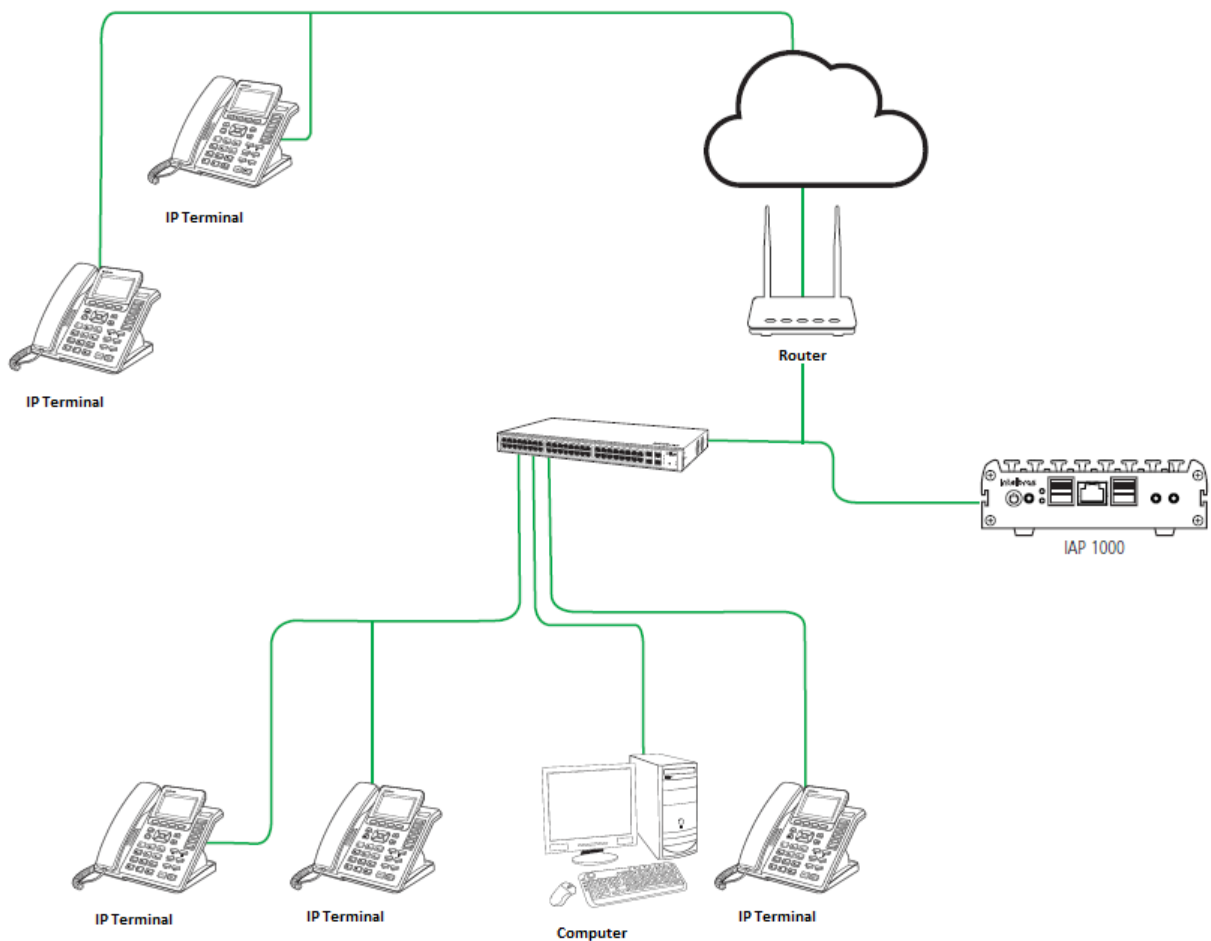
Application Scenario - Solution for SBC
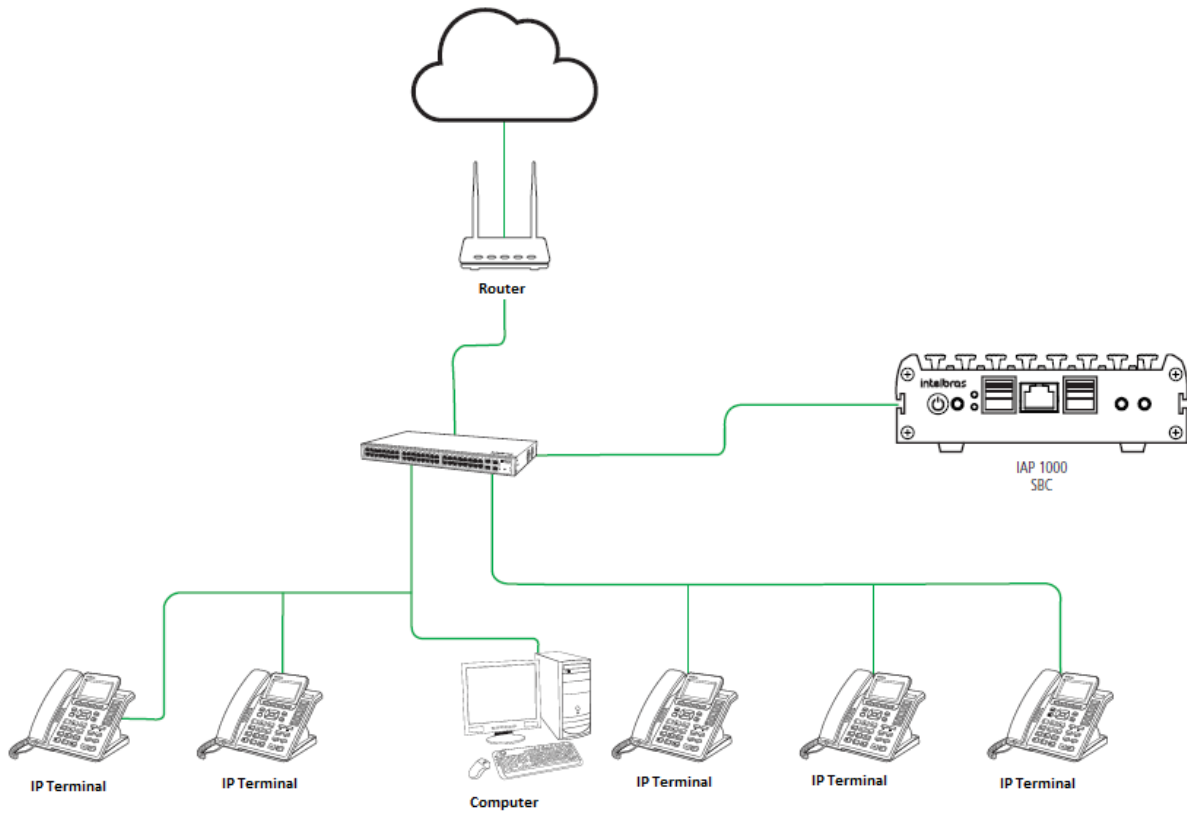
Application Scenario - Solution in Asterisk 1.18 PABx with 50 extensions

Application Scenario - Solution in Asterisk 16.7.0 PABx with 35 extensions

IP Terminal
IP Terminal
IP Terminal
IP Terminal
IP Terminal
Softphone
Softphone
IAP 1000
Operator
Recording Server
Computer
IP Terminal

Application Scenario - Solution in Slackware Provisioning Server

IP Terminal
IP Terminal
Router
IAP 1000
IP Terminal
IP Terminal
Computer
IP Terminal

Application - Solution in Asterisk. V.11.25.3 PABx with 20 IP extensions

Router

IAP 1000

IP Terminal

IP Terminal

Computer

IP Terminal

IP Terminal

IP Terminal