

CONTEX® 240/480



*Enjoy reliable, accessible, flexible,
and feature-rich audioconferencing
with your Compunetix CONTEX bridge.*

Reliable

The **CONTEX** conferencing platform is the **most reliable** in the industry. **CONTEX** systems feature continuous real-time diagnostics, hot-swappable and self-healing system designs and are built to military standards with patented space-division switching architecture. **CONTEX** bridges are built by Compunetix from the ground up, **guaranteeing the quality** of each bridge. All systems are backed by the company's stability, reputation and 40-plus years of design and manufacturing experience. Compunetix offers the **CONTEX 240**, **CONTEX 480** and **CONTEX On-Demand** conferencing bridges as the large-scale components of the **CONTEX** multipoint audioconferencing platform. These robust, **carrier-class** bridges have assisted our customers by fueling the explosive growth in audioconferencing over the last decade.

Accessible

Flexible

Feature Rich

Proven

Today's business environment requires the **flexibility of being able to conference at a moment's notice**. Now, with a **CONTEX** bridge, you can meet the needs of today's bottom-line minded individuals. The **CONTEX** system is convenient and allows conferees to "meet" with others **at anytime, from anywhere in the world** over the telephone or Internet, with or without reservations. Call centers and end users may access conferencing management at all levels. Our award-winning Windows™ Operator Console software provides the conferencing industry's easiest to use and most efficient interface for high capacity, real-time call center conference management. At the same time, end-users can maintain personal control over their meetings by utilizing the conference control available through a standard Web browser or through the system's rich touch-tone capabilities.

CONTEX 240



CONTEX is flexible. All Compunetix systems feature open-system APIs that allow customers and third-party developers to fully integrate and design extended applications into new and existing markets. The **CONTEX** provides an open development environment for making the systems the center of our clients' collaborative audio services. The **CONTEX** expands easily through additional plug-in circuit modules and **supports all conference call types** on the same bridge at the same time.

CONTEX is feature rich. These systems offer the most comprehensive set of audioconferencing collaboration tools available. They also support extendable software packages such as the optional **CONTEX** Reservation, Scheduling and Billing System. All configuration types are supported within the same system — at the same time. Support is provided for Attended Progressive, Preset and Meet-Me conferences, along with special features such as subconferencing, questions & answers, and voting. Similar features are available for unattended conferencing, including chairperson and participant touch-tone functionality. Full service support **maximizes your conferencing investment** by allowing you to standardize on a single platform that expands to meet your business requirements.

If you want a reliable, accessible, flexible, and feature-rich audioconferencing bridge, the **CONTEX** is the bridge for you!



OPERATIONAL FEATURES:

Capacity	CONTEX 240 T1: 48 – 240 ports (increments of 24 ports) E1: 30 – 240 ports (increments of 30 ports) CONTEX 480 T1: 48 – 480 ports (increments of 24 ports) E1: 30 – 480 ports (increments of 30 ports)
Auxiliary Ports	CONTEX 240: 16 CONTEX 480: 32
Number of Conferences	Unlimited (N/2) (where N equals the number of configured ports)
Parties per Conference	Unlimited up to N (where N equals the number of configured ports)
Number of Talkers	Full Duplex and Variable From All Talker to One Talker
Conference Configuration	Dynamic, Automatic and Completely Non-blocking
Voice Quality	Background Noise Elimination 100% Conference Clarity
Operator Consoles (local or remote)	CONTEX 240: Up to 32 CONTEX 480: Up to 40
Operator Interface	PC utilizing Microsoft Windows®-based Operation and Windows Operator Console (WOC) Administration Software
Operator Connectivity	TCP/IP (LAN or WAN) Serial (direct or modem)
Line Interface	T1/E1 D3/4 or ESF Framing Modes ISDN PRI B8ZS or AMI Master or Slave Clocking, Fully Compatible with ANSI and ITU Standards
Signaling Options	Loop Start Ground Start E&M Wink Start FXS, PLAR, FXO ISDN [Lucent 4ESS/5ESS, Nortel DMS, NI-2, Net5 (EuroISDN) TPH (Australian ISDN)]
Interoperability	Interoperable and Compatible with all Major PABX/Switch Manufacturers
DTMF Generation/Recognition	Provided for Each Channel (Port) per BellCore TR-TSY-000181
Echo Control	Suppression — Standard Cancellation — Optional
Input/Output Gain Control	+/- 10 dB Operator Controlled in 1 dB Increments per Port Adaptive Automatic Gain Control per Port

Self Test and Diagnostics	Continuous at Both the Individual Circuit Module and Full System Level Alarms Identify Failed Module Self-healing Capabilities
Remote Management	Alarms Diagnostics System Configuration Software Changes
Support for All Conferencing Modes	Full ANI and DNIS support
Bandwidth	Because the CONTEX provides 2.048 Megabits per port it may be used as a multipoint control unit for both audio and video or high-speed data applications at full or sub T1 rates.
System Reliability	Mil-Std-55110/ISO 9000 Manufacturing
Mean Time Between Failures (MTBF)	Model 240 = 950,000 Hours Model 480 = 475,000 Hours
Mean Time to Repair (MTTR)	15 Minutes
Optional System Redundancy	Dual Redundant Power Supplies Dual Communication to All Circuit Modules and Redundant Switching and Conferencing Subsystems
Availability	Availability is the system uptime divided by the total time. CONTEX 240 = 99.9997% CONTEX 480 = 99.9995%

PHYSICAL CHARACTERISTICS:

CONTEX 240	Width 24 inches (600 mm) Depth 32 inches (800 mm) Height 87 inches (2200 mm) Weight 650 lbs. (295 kg)
CONTEX 480	Width 48 inches (1200 mm) Depth 32 inches (800 mm) Height 87 inches (2200 mm) Weight 1,300 lbs. (590 kg)

OPERATING ENVIRONMENT:

Temperature	50° to 95°F (10° to 35°C)
Relative Humidity	20% to 80% (non-condensing)
CONTEX 240/480 Approvals	United States, South Africa, Australia, Malaysia, European Community, Canada, Hong Kong, Japan, Switzerland

POWER REQUIREMENTS:

Based on fully populated and fully redundant systems. Thermal output is nominal.

CONTEX 240 DC Power	-48 VDC (-42 to -56 VDC) Input I 33-44 Amps Thermal output 6.25 kBTU/H
AC Power (optional)	115 ±12 VAC (Input I 20 Amps) 230 ±24 VAC (Input I 10 Amps) 90 ±5 VAC (Input I 25 Amps) Thermal output 5.9 kBTU/H
CONTEX 480 DC Power	-48 VDC (-42 to -56 VDC) Input I 66-88 Amps Thermal output 12.5 kBTU/H
AC Power (optional)	115 ±12 VAC (Input I 40 Amps) 230 ±24 VAC (Input I 20 Amps) 90 ±5 VAC (Input I 50 Amps) Thermal output 11.8 kBTU/H

WARRANTY INFORMATION:

Standard	One (1) year parts and labor for all hardware. Extended and special warranty programs are also available for both hardware and software.
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CONTEX 480