



CallXpress® I-4000 Telephony Server

DATASHEET



Performance, Scalability, and Investment Protection All In One Server

The CallXpress I-4000 delivers the best combination of dual-processing performance, high availability, and telephony card integration in a cost-competitive system. This next-generation platform delivers the features required to deploy medium density telephony applications not available from other vendors, in a scalable pedestal or 4U rack-mount form factor.

High Performance

Featuring the power of dual Intel® Xeon® 3.2 GHz processors with 800 MHz Front Side Bus in a compact 4U platform, the CallXpress I-4000 is a top of the line server that delivers high performance, system reliability, and configuration flexibility in an open-standards based platform. Extended 64-bit Memory Technology (EM64T) and Hyper-Threading Technology is supported in processor, memory, and chipset for maximum performance throughout the system.

Telephony Support

The CallXpress I-4000 delivers telephony specific features that enable rapid delivery of communications applications. With five PCI-X slots, the I-4000 supports five full-length, full-height telephony cards providing up to 5 T1 or 4 E1 spans. Since telephony cards require more processing, power, and cooling, you can be assured that the I-4000 will hold up to demanding requirements.

Availability and Redundancy

To satisfy the most rigorous application requirements for demanding 24x7 environments, the CallXpress I-4000 provides non-stop operation with redundancy of critical components including hot-swap N+1 redundant power supplies, hot-swap hard drives, and hot-swap cooling fans. Tool-free, front access to key components, including drives and power supplies reduces Mean-Time-To-Repair (MTTR). Designed to increase uptime and maximize productivity, the I-4000 features RAID via a SCSI RAID controller and dual Gigabit Ethernet.

CallXpress I-4000 Specifications

Processor	Dual Intel Xeon 3.2 GHz standard with 2 MB L2 Integrated Advanced Transfer Cache, 800 MHz Front Side Bus and Hyper-Threading Technology
Memory	Up to 16 GB DDR 333 MHz buffered ECC SDRAM (2.5 V); Dual-channel memory bus
Chipset	Intel E7520 chipset
Expansion	(2) 64-bit 133/100 MHz PCI-X (3.3V) slots for 2 full-length full-height telephony boards; (4) 64-bit 100 MHz PCI-X (3.3V) slots for 4 full-length full-height telephony boards
Peripherals	1.44 MB floppy drive; DVD-RW
Storage	(1) 73 GB or (3) 73GB (RAID 1) SCA Ultra320 SCSI, 8 hot-swap 1-inch drive bays for supporting 8 hot-swap drives:
RAID Controllers	Zero-Channel RAID with Adaptec 2010S ZCR card (uses 1 PCI-X slot)

Network	Embedded Dual Broadcom BCM5721 Gigabit Ethernet controller supports 10/100/1000 BASE-T with two RJ45 jacks
Video	ATI Rage XL SVGA PCI video controller with 8 MB of video memory
Input/Output	4 USB 2.0 ports (2 front, 2 rear; 1 extra internal); PS/2 keyboard and mouse ports; 2 Fast UART 16550 serial ports
Power Supply	(3) 380W AC redundant hot-swap ATX PSUs providing 760W of N+1 power
Cooling	(4) 5000 RPM hot-swap cooling fans; (2) 5000 RPM rear exhaust fans
OS Support	Microsoft® Windows 2003 Server
Management	BIOS event logging; Super Doctor III supports local & remote web-based system and component management
Security	System BIOS and operating system password, locking bezel, and chassis intrusion detection, SDDC support
Front Panel	On/Off power button and system reset button; 6 LED indicators: power, hard drive activity, power fail, 2 for network activity, and system overheat
Form Factor	Pedestal or 4U rack-mount
Dimensions	Height 7.0 inches (177 mm), Width 17.1 inches (434 mm), Depth 25.5 inches (647 mm), Gross Weight 65.5 lbs (29.71 kg)
Compliance	ACPI compliant BIOS; SAF-TE compliant SCSI backplane; PCI-X and PCI-Express compliant; IMPI v2.0 compliant; USB v2.0 compliant; Extended ATX motherboard and ATX PSUs
Regulatory Approval	System certified with 6 telephony boards: UL/CUL/CSA; CE Mark, CE Safety; FCC Part 15, Class A; ISTA Certified; VCCI (Japan)
Environment	Operating temperature 10 to 40C; 50° to 104° F; Non-operating temperature -40 to +70C; -40° to 158° F; Humidity 8 - 90% non-condensing; Non-operating humidity 5 - 95% non-condensing
Warranty	Covered by a one-year warranty with optional extended warranties

I-4000 Power Supply

760W AC Total	Triple-Redundant 760W AC power supply with PFC: (3) 380W AC redundant hot-swap ATX PSUs providing 760W of N+1 power; 24-pin, (8-pin, 4-pin) = 12V
AC Voltage	100V - 240V, 50-60 Hz, 14A Max
DC Output	5V + 3.3V = 200W; +5V: 36.0A; +5V standby: 3.5A; +12V: 50.0A (combined); -12V: 1.0A; +3.3V: 36.0A

For More Information

Applied Voice & Speech Technologies, Inc. ("AVST") is a leader in the unified communications ("UC") marketplace uniquely combining the strengths of its world-class messaging platform, CallXpress®, with its speech-enabled call management module, Seneca®, to create a powerful, next-generation unified communications solution. The Company's products are designed to scale and support organizations of all sizes. For more information please contact: www.avst.com or +1.949.699.2300.

