

## 1X70 Platforms

### Exceptional performance in a 1U appliance platform

The 1X70 platforms consist of 1U rack mounted and tower, high-performance appliances designed to satisfy the requirements of most applications. The 1X70 Platforms can be configured with a single Xeon 3200, Xeon 3000, Core 2 Duo, P4 or Celeron D processor, up to 8 GB of SDRAM, up to four hot swap SATA hard drives and two embedded Gigabit Ethernet interfaces. The components of the 1X70 platforms are built on a solid foundation of Intel-based technologies and industry-standard hardware.



### The NEI services advantage

- **Design and Specification:** server hardware optimized to fit your application.
- **Product Customization:** platform specific bezel graphics, documentation, and shipping labels to ensure a consistent image and increase your brand visibility in the marketplace.
- **Manufacturing:** ISO 9001:2000 certified, includes supplier management, inventory and component tracking, and final testing.
- **Software Configuration Management:** software images are predictably controlled.
- **Hardware Lifecycle Management:** reduces supply chain problems and ensures integrity of your product.
- **Agency Certification:** obtain and maintain requisite certification requirements worldwide.
- **Fulfillment and Logistics:** single point of contact for worldwide order management and service.
- **Warranty and Advanced Replacement:** protects against hardware failures and facilitates fast restore time.
- **Program Management:** dedicated to your product release and all associated scheduling and task tracking.

### Product Specifications

#### AT-A-GLANCE

- **Form factor** - 1U rack mount
- **Processor** - Xeon 3200, Xeon 3000, Core 2 Duo, P4 or Celeron D
- **Memory** - 8 GB SDRAM
- **Drive bays** - Up to four hot swap HDD
- **On-board drive controller** - SATA
- **Expansion slots** - PCI-X or PCIe
- **Embedded NICs** - 2 Gigabit Ethernet

NEI combines expertise in storage, security, carrier-grade communications and enterprise communications with the broadest range of hardware platforms and components to meet the exact needs of your application.

Lower your total cost of ownership, accelerate your time to market, manage investments in the field, and focus on your core competencies by partnering with NEI.

P R O D U C T S P E C I F I C A T I O N S

	AE1270sa	AE1470sa	AE1870sar
<b>Form Factor</b>	Mini 1U rack mount	1U rack mount	1U rack mount
<b>Dimensions (WxHxD)</b>	16.8" x 1.7" x 14.0"	16.8" x 1.7" x 22.6"	17.2" x 1.7" x 25.6"
<b>Processor(s)</b>	Single: Xeon 3000 dual-core, Core 2 Duo, P4, or Celeron D	Single: Xeon 3200 quad-core, Xeon 3000 dual-core, Core 2 Duo, P4, or Celeron D	Single: Xeon 3200 quad-core, Xeon 3000 dual-core, Core 2 Duo, P4, or Celeron D
<b>Chipset</b>	Intel 3000	Intel 3000	Intel 3010
<b>Front Side Bus</b>	1066/800/533 MHz	1066/800/533 MHz	1066/800/533 MHz
<b>Memory</b>	Up to 8 GB DDR2 unbuffered ECC / non-ECC SDRAM	Up to 8 GB DDR2 unbuffered ECC / non-ECC SDRAM	Up to 8 GB DDR2 SDRAM ECC/non-ECC SDRAM
<b>Expansion Slots</b>	One full height, half length x 8 PCIe or 64-bit, 133 MHz PCI-X with optional riser card	One full height, half length x 8 PCIe or 64-bit, 133 MHz PCI-X with optional riser card	Two (x8) PCIe slot (via riser card), one universal I/O (UIO) slot (via riser card)
<b>Drive Controllers</b>	SATA	SATA	SATA
<b>Drive Bays</b>	One or two fixed SATA drives	Two hot swap SATA drives	Four hot swap SATA drives
<b>RAID Controllers</b>	On-board SATA RAID 0, 1 supported	On-board SATA RAID 0, 1 supported	RAID 0, 1, 5, 10 supported
<b>DVD /CD-ROM</b>	Optional (only with one disk drive)	Optional	Optional
<b>Integrated Network Interface</b>	Two Gigabit Ethernet ports	Two Gigabit Ethernet ports	Two Gigabit Ethernet ports
<b>Brandable Bezel</b>	Optional	Optional	Optional
<b>Power</b>	260W, auto-switching 100/240 AC power	300W, auto-switching 100/240 AC power	Redundant 450W hot swap 100/240 AC power
<b>Regulatory</b>	FCC Class A, CE, UL Listed	FCC Class A, CE, UL Listed	FCC Class A, CE, UL Listed
<b>Warranty</b>	Standard two-year limited warranty, return to factory Optional extended warranty and advance replacement service	Standard two-year limited warranty, return to factory Optional extended warranty and advance replacement service	Standard two-year limited warranty, return to factory Optional extended warranty and advance replacement service

### Support and Maintenance Services

NEI offers a variety of support and maintenance service programs to ensure high availability, rapid response, effective troubleshooting, fast parts replacement and 24-hour support. Please visit [www.nei.com/supportservices](http://www.nei.com/supportservices) for more information.



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