

CHASSIS PLANS

E4CHASSIS



Advantages

- 2U x 25.6 inch depth design
- The E4 Chassis provides for mounting a standard ATX or EATX motherboard up to 12 x 13 inches
- Chassis can hold two front accessible 5-1/4 inch drive bays, two 3-1/2 inch drive bays and two internal 3-1/2 inch drive bays
- Cooling is provided by three center mount 80mm 42.5CFM fans

Support

- Superior pre-sales and post-sales technical support
- All products carry a one year limited warranty

Customization

- Custom paint and logo services available
- Custom mounting brackets are available

E4CHASSIS

The E4 Series chassis is a high performance design in a low cost 2U rackmount enclosure. Feature rich, the E4 Series is a solid, robust design which will meet the most rigorous and demanding requirements. This chassis is ideal for high density I/O intensive applications.

The enclosure is constructed of 18 gauge steel, clear zinc plated for corrosion protection and an attractive appearance. The front panel is attractively detailed and is of heavier gauge than the chassis.

The E4 provides for two externally accessible 5-1/4 inch and two 3-1/2 inch drive bays. In addition, three 3-1/2 inch drives can be installed internally.

With the EATX motherboard and ample drive capacity, this system is ideal for server type applications.

The chassis is cooled by three 80mm 42.5CFM ball bearing fans. Air flow is in through a front mounted air filter. Mid chassis mounted fans pull filtered cooling air over the drives.

A door covers and protects the drives. Accessible behind the door is the power and reset switches as well as the power-on and drive activity LED's. The LED's are visible through the door when it is closed.

The E4 Chassis provides for mounting a standard ATX motherboard up to 12 x 13-inches. Two plug-in cards can be installed using the included riser card. Additionally, several riser card options are available.

The chassis provides for rear mounting a 2U style power supply. Redundant supplies are optionally available. DC powered supplies are available including -48VDC for central office installations.

SPECIFICATION

Dimensions

19" (wide) x 2U (3.5") (high) x 25.6" (deep)
15kgs/33.1lbs

Drive Capacity

Two 5-1/4 inch drive - front accessible
Two 3-1/2 inch drive - front accessible
Three 3-1/2 inch drives -internal

Front Panel Controls

Power switch - Black momentary pushbutton with 2 position .100 header for board connection
Reset switch - Black momentary pushbutton with 2 position .100 header for board connection
Power LED - green with 3 position .100 header for board connection
Drive Activity - Red with 2 position .100 header for board connection
Switch and LED connectors are labeled at the connector end

Rear Panel Details

2 Plug-in card slots
ATX I/O Shield

Cooling

Three 80mm 42.5CFM ball bearing fans
Fans are mounted mid-chassis
Optional fan tachometer output

Power Supply

Rear Mount 2U style
AC Supply - Zippy P2U or P2G form factor
DC Supply - D2U form factor, 48VDC only available
Power supply not included.

Motherboard Mounting

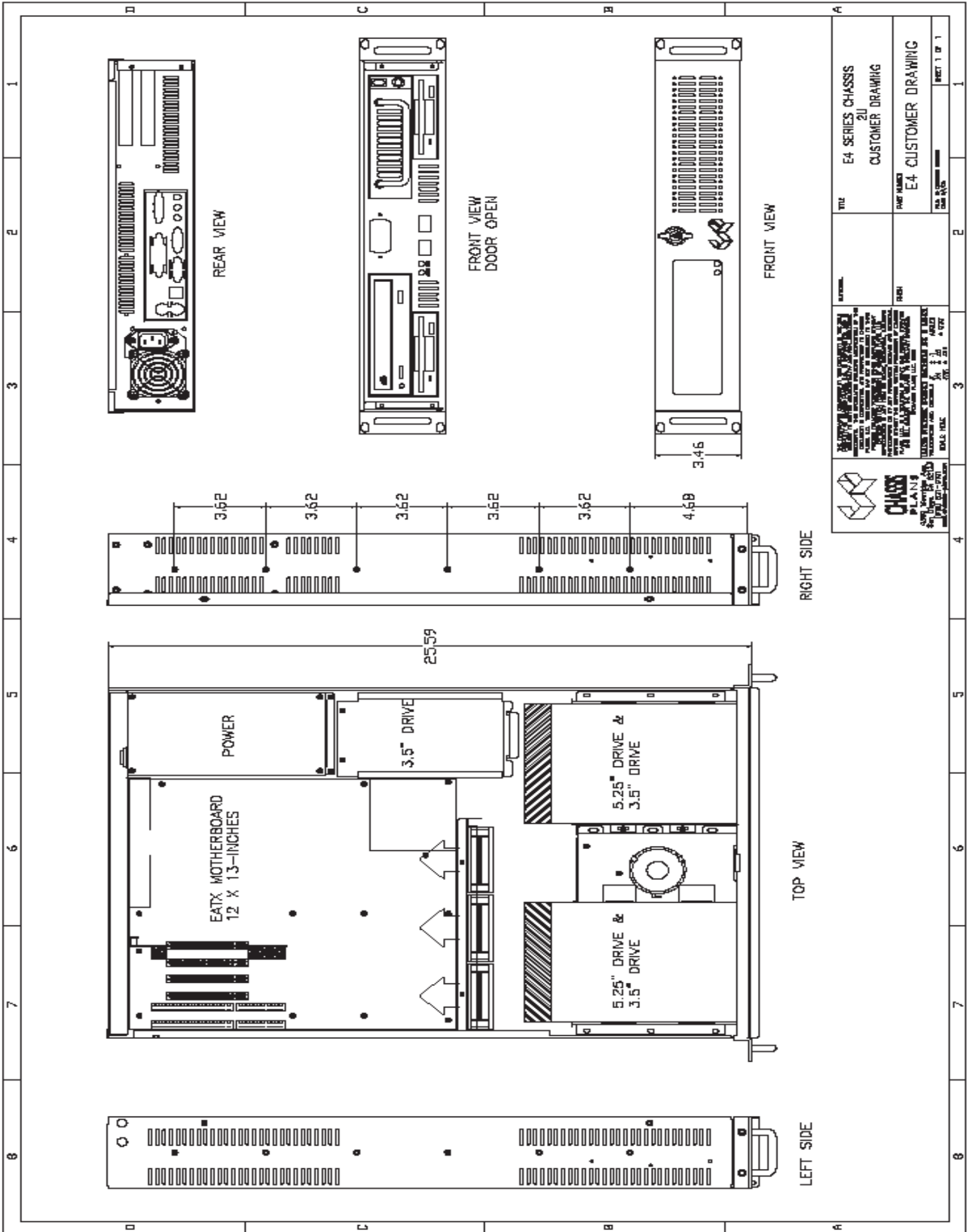
EATX server class 12 x 13 inch motherboard
Motherboard adapter plate accommodates any motherboard

Plug-in I/O Cards

Accommodates two plug-in I/O cards
Full length cards can be installed
Includes 2-slot 32-bit standard 5V PCI riser card



The Original Industrial Computer Source TM



		CHASSIS PLANS 4000 North Torrey Pines Road Suite 100, Torrey Pines, CA 90260 (818) 451-1111 www.chassisplans.com		REVISIONS 1. 01/15/08 2. 02/15/08 3. 03/15/08 4. 04/15/08 5. 05/15/08 6. 06/15/08 7. 07/15/08 8. 08/15/08 9. 09/15/08 10. 10/15/08 11. 11/15/08 12. 12/15/08 13. 01/15/09 14. 02/15/09 15. 03/15/09 16. 04/15/09 17. 05/15/09 18. 06/15/09 19. 07/15/09 20. 08/15/09 21. 09/15/09 22. 10/15/09 23. 11/15/09 24. 12/15/09 25. 01/15/10 26. 02/15/10 27. 03/15/10 28. 04/15/10 29. 05/15/10 30. 06/15/10 31. 07/15/10 32. 08/15/10 33. 09/15/10 34. 10/15/10 35. 11/15/10 36. 12/15/10 37. 01/15/11 38. 02/15/11 39. 03/15/11 40. 04/15/11 41. 05/15/11 42. 06/15/11 43. 07/15/11 44. 08/15/11 45. 09/15/11 46. 10/15/11 47. 11/15/11 48. 12/15/11 49. 01/15/12 50. 02/15/12 51. 03/15/12 52. 04/15/12 53. 05/15/12 54. 06/15/12 55. 07/15/12 56. 08/15/12 57. 09/15/12 58. 10/15/12 59. 11/15/12 60. 12/15/12 61. 01/15/13 62. 02/15/13 63. 03/15/13 64. 04/15/13 65. 05/15/13 66. 06/15/13 67. 07/15/13 68. 08/15/13 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