



ZXL2 STATION

ULTRA RUGGED RACK MOUNTED 2U WORKSTATIONS + SERVERS

The ZXL2 Station is a low-profile, rack mountable, computing and graphics processing powerhouse. At only 3.45" (2U) high by 20 inches deep, this compact, lightweight, rugged workstation gives back valuable rack space and delivers an extremely flexible and high-performance solution that is unbeatable in field-ready applications.

The ZXL2 Station integrates the latest computing platforms with up to three rugged hot-pluggable TP7 removeable drives, a slimline DVD-RW and a slimline floppy. User-friendly features include a front accessible power switch, two front accessible USB ports for rapid connectivity, and a quick release top access cover for ease of service and hardware installation.

Optimized for rugged conditions, the ZXL2 hosts innovative PCI card

hold-down brackets that secure cards in all three axis (X/Y/Z). In addition, filtered sliding front panel doors that will not interfere with other rack-mounted equipment when opened repel sand and dust. A robust 460W power supply has the muscle to support the latest Intel Core2 Duo and AMD Opteron server boards, as well as high-power (PCI Express) graphics cards.

Z Microsystems' engineers are experts in the design of systems that reduce the risk, cost and failure caused by harsh environmental conditions. Designed to exceed MIL-STD 167 for vibration and MIL-STD 461 for EMI, ZXL2 Stations are a robust solution for hostile, field-ready applications.

Highlights

- Supports latest Intel Core2 Duo & AMD Opteron processors
- 460W power supply
- 19" rack mountable
- Only 20 inches deep
- Rugged lightweight packaging
- Slim 2U (3.45") height

- 3 PCI expansion slots
- Ultra-secure PCI card brackets
- Lightweight rugged packaging
- 3 rugged removable SATA or SCSI TranzPak7 HDDs
- Slim DVD-RW and slim floppy included

SPECIFICATIONS

ZXL2 Station

Physical

Dimensions: 3.45"H x 16.93"W x 19.60"D (inside rack)
Weight: Approximately 35 lbs.
Storage Options: SATA or SCSI

Power Supply

I Star TC-2U/46
Total Output Power: 560 W
AC Input Range: 90-132/180-264 VAC
Input Frequency: 47-63Hz

Environmental*

Operating Temp: 0° to + 50° Celsius. More extreme operating temperatures achievable with Solid State Drive.
Non-op Temp: -40° to + 70°C
Operating Humidity: Up to 95% Non-condensing
Non-op Altitude: Up to 40,000 ft.
Operating Altitude: Up to 10,000 ft.
Vibration: MIL-STD-167. Up to 25 Hz. More stringent vibration environments are achievable with Solid State Drives.
Shock: 15g's, Saw-tooth, 11ms
Fungus: Non Nutrients/contaminants

Reliability

Operating Life: 10 years
Maintainability: <20minutes @ Line-Replaceable Unit (LRU) Level

Regulatory

Safety: UL 60950 (used as a guideline)
EMI: Options: MIL-STD-461E (call factory to discuss)

Quality/Workmanship

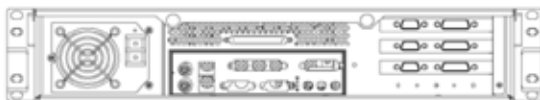
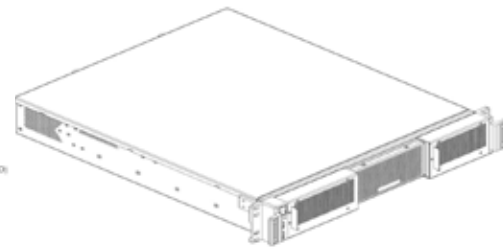
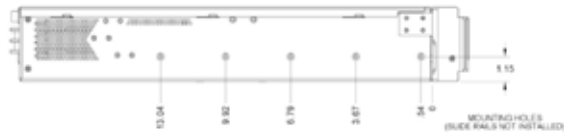
IPC / ISO 9001:2000 and applicable section of MIL-HDBK-454

MIL-SPEC

Additional extended range environmental military specifications can be met with optional enhancements. See your Z Micro representative for details.

Units are designed and built to meet the following specifications. Results of tests pending.

*Environments listed as Design Goals have not been tested, and limits are based on results from s



REAR VIEW

