EasyG5

First Dual PowerPC 970FX VME System on the Market

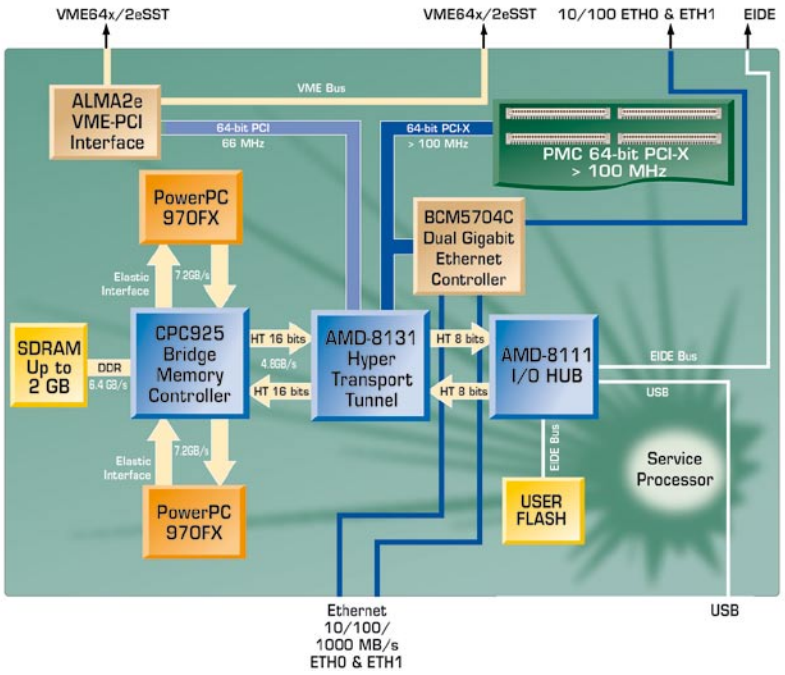


Turnkey VME G5

- 19“ 2U Rack (R2064x)
- 2 G5 CPUs @ 1.6 GHz
- Outstanding Memory and PCI Bandwidth
- Linux SMP
- VxWorks 6.x
- One Year Hotline Support

Product Overview

Kontron´s EasyG5 offers an industrial version of the IBM Power architecture in a convenient 6U format. The EasyG5 provides a dual PPC970 architecture 100% compatible with the existing IBM JS20 computer blade (service processor included). Where a large blade center cannot fit, the rugged compact approach of EasyG5 offers the same performance in a far smaller form factor. Using PCI Mezzanine Cards, I/O on the EasyG5 can be simply and cost-effectively customized. In addition, Kontron´s expertise in PowerPC technology allows for further customization, satisfying more specific embedded application requirements.



Technical Information

Overall Dimensions
- Height 88.9 mm (2U)
- Depth 400 max
- Width 482.6 mm (19 inches)

Input Power Supply
- 90/264 VAC

Weight
- 7.5 Kg

Power Consumption
- Typical: 90W

Environmental Specifications
- Temperature range
  - Operating: 0° to +40°C
  - Storage: -40° to +85°C
- Conformal Coating
  - Optional
- Relative Humidity
  - 80%, noncondensing
- Altitude
  - -1,000 to 15,000 ft

Key features
- Dual PPC970 architecture (1.6 GHz)
- Up to 1 GB memory
- 100% software-compatible with JS20 blade
- Supports Red Hat Enterprise AS (PPC64 version)
- Compact format (2U - 19“)
- Peak memory bandwidth: 6.4 GB/s
- Peak PCI memory bandwidth: 850 MB/s
- Compliant with harsh environments
- One free PMC slot

With AFAQ ISO 9001, 2000 Version Certification
Kontron Modular Computers S.A.
Guarantees Total Customer Satisfaction

Corporate Offices

Europe, Middle East & Africa
Oskar-von-Miller-Str. 1
85386 Eching/Munich
Germany
Tel.: +49 (0)8165/ 77 777
Fax: +49 (0)8165/ 77 219
sales@kontron.com

North America
14118 Stowe Drive
Poway, CA 92064-7147
USA
Tel.: +1 888 294 4558
Fax: +1 858 677 0898
sales@us.kontron.com

Asia Pacific
4F, No. 415, Ti-Ding Blvd.
Sec.2, NeiHu District
Taipei Taiwan 114
Tel.: +886-2-2799-2789
Fax: +886-2-2799-7399
sales@kontron.com.tw

Kontron Modular Computers S.A.
150, Rue Marcelin Berthelot
ZI Toulon Est - BP 244
83078 Toulon Cedex 9 - France
Tel: +33 (0) 4 98 16 34 00
Fax: +33 (0) 4 98 16 34 01
sales@kontron.com

#EasyG5#1004200BPDL
Copyright© 2008 Kontron AG. All rights reserved. All data is for information purposes only and not guaranteed for legal purposes. Information has been carefully checked and is believed to be accurate; however, no responsibility is assumed for accuracies. Kontron and the Kontron logo and all other trademarks or registered trademarks are the property of their respective owners and are recognized. Specifications are subject to change without notice.