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Matrix-604 WinCE Industrial Computer

Matrix-604 is equipped with an ATMEL AT91SAM9G20 400MHz SoC, 64MB SDRAM, 128MB NAND Flash memory and I/O peripherals that include Ethernet, RS-232/422/485, programmable digital I/O and USB ports. WinCE 6.0 is preinstalled in the NAND Flash memory, and the SDK for Microsoft Visual Studio 2005 is available for user application development. In addition, the Remote Display Control of WinCE is supported to allow the user to develop a graphic user interface for a headless device like Matrix-604. For critical applications that need 7/24/365 operation, Matrix-604 provides a fail-over mechanism using the onboard DataFlash to recover the file system when the NAND Flash crashes and fails to boot.

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FEATURES

- › ARM9 ATMEL AT91SAM9G20 400MHz
- › 64MB SDRAM and 128MB NAND Flash
- › 2MB DataFlash for system fail-over and recovery
- › One 10/100Mbps Ethernet port
- › Four 921.6Kbps RS-232/422/485 ports
- › Two USB 2.0 host ports and one USB 2.0 client port
- › 5 CMOS level digital I/O
- › WinCE 6.0 and .NET Compact Frameworks 2.0
- › Compact 78x108x24mm design
- › Ultra low power consumption, less than 3W

For more information, contact: sales@artila.com

www.embedded-computing.com/p45263