

Fastwel offers a brand-new solution for PC/104 format - CPC303

- PC/104 SBC
- Geode™ GX1/300 MHz with low-voltage core
- CS5530A I/O companion chipset
- 32/128 MB SDRAM onboard
- CRT/LCD SVGA controller: up to 4 MB shared display memory, built-in 2D-accelerator, non-interlaced CRT monitors, resolutions up to 1024 x 768 @ 16 bpp and 1280 x 1024 @ 256 colors
- TFT panel support, resolution up to 1024 x 768 @ 18 bits per pixel
- Solid state disk: 16 MB Flash disk onboard with Fastwel file system, support for CFTM type I/II and MicroDrive, up to 4 GB
- EIDE interface: handles up to two IDE devices, PIO mode 4, Ultra DMA/33
- Support for one FDD
- 10/100 Base-T
- Fast Ethernet PCI controller
- CAN interface: dual CAN 2.0B controller
- USB controller: 2 USB 1.0 ports
- One RS-232 and one RS-232/RS-422/RS-485/IR port, 115.2 kbps in 16450 or 16550A mode, up to 1.5 Mbps in extended mode, 15 kV ESD protection (IEC1000-4-2)
- Parallel port: multi-mode port (SPP/EPP/ECP)
- PS/2 keyboard/mouse port
- SEEPROM: backup copy of CMOS setup in serial EPROM
- Real time clock: internal RTC with Li battery
- Extension bus: PC/104 (16-bit ISA)
- AT compatibility: two 8259-equivalent interrupt controllers, two 8237-equivalent DMA controllers, 8254 -equivalent timers
- Audio controller: built-in AC'97 compliant audio controller
- PC speaker
- Watchdog timer Fastwel™ Software BIOS in flash memory with backup copy
- Microsoft DOS, Windows 9x/NT/2000/ XP/CE.NET, QNX, VxWorks, Linux
- Power requirements: +5 V ±5% @ 0.8 A (133 MHz) +5 V ±5% @ 1.2 A (300 MHz)
- -40°C to +85°C operating temperature
- -55°C to +95°C storage temperature
- Relative humidity up to 95% @ 25°C, non-condensing
- Shock/vibration: 20G/5G shock/vibration
- Altitude: over 15,000 m
- MTBF: more than 12 years
- 90.2mm x 95.9mm x 25.3mm (3.6" × 3.8" × 1")