

GT3D, PCI-104 Graphics card using the Fujitsu Coral-PA (MB86296)

Applications Include

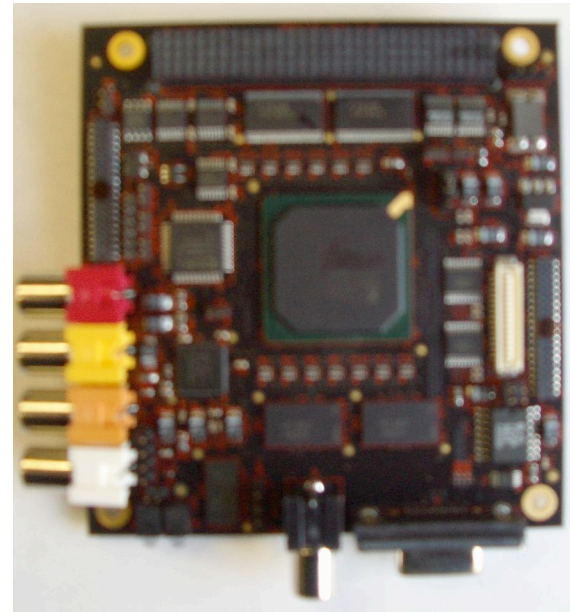
Avionics displays, Tactical battlefield HMI, Tank/ APC/ Submarine/other military, Heavy construction and farm equipment, harsh environment industrial control equipment, high performance portable instruments, other SCADA, medical imaging systems, and many more!

Upgrade your Freescale Total5200! The GT3D fits inside and replaces obsolete Epson

GT3D Features

- PCI-104 3.3V and 5V universal board
- Full industrial temperature -40 to +85 C on all components as standard
- 105 C screening available
- Power as low as 1 watt (no fan needed)
- Coral P/PA device guaranteed life cycle of 7-10 years
- Composite Video in and RGB out (for multiple overlays)
- Standard 31 pin LCD 18bit TFT out
- Standard VGA out
- Onboard flash for texture mapping
- CPLD for dynamic video source/output switching

GT3D Top View



Ask us about ARINC, DO-254, and DO-178 certs!

Specifications, GT3D

PCI-104 INTERFACE: 33 MHz, 32 Bit

- Accepts 3.3V and 5V IO voltage
- Needs 3.3V & 5V or only 5V power from PCI 104 bus

LCD Out 3x6bit standard 31 pin Hirose connector

- Custom screens and cables available- call us!
- Supports Standard 18bit digital LCD
- Up to VGA or XGA resolution

Video Out • Standard VGA via a 15pinD-sub

- Composite (rca), RGB, and Svideo (mini-din) port

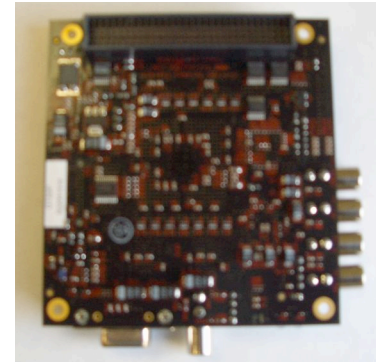
Video In • Composite (rca)

- ITU 656

Size- 3.775 x 3.550

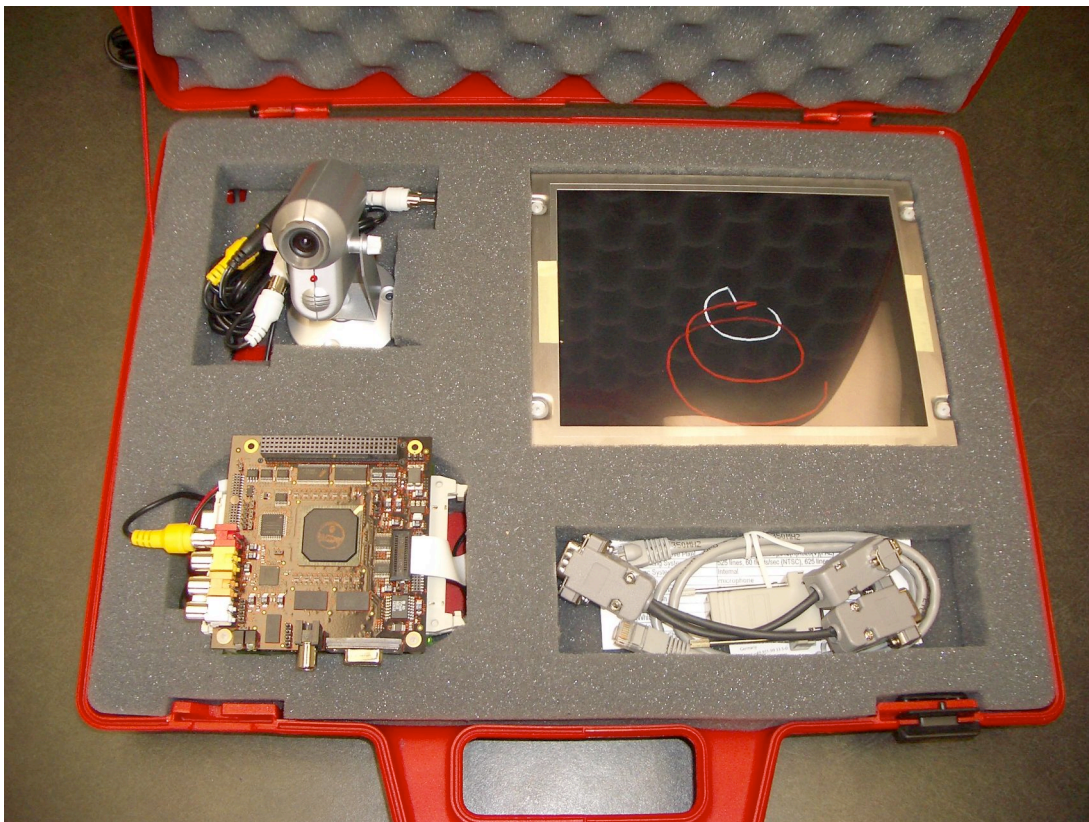
- Weight – 80g
- Relative humidity 5% .. 95%, not condensing
- Temperature range -40°C .. +85°C

GT3D Bottom View



Software Development Kits

- We support QNX, Linux, OpenGL, other IDE and operating systems
- Development kit includes MEN Mikro PowerPC motherboard, power supply, camera, cables, and LCD with demo applications and support (picture below)



Contact us! Silicon Turnkey Express, 749 Miner Road, Cleveland, OH 44143, 800-827-2650

WWW.Silicontkx.com

Prices below 200\$ in quantities over 5k units