

## Ultra High Performance Display Board

An astonishing powerful ARM11 based board with 10,4" TFT display



### Key features include:

- Freescale i.MX31 Multimedia Applications Processor, based on an ARM1136JF-S™ core.
- 10,4" Sharp "STRONG" TFT-LCG
- Wi-Fi and GPRS/UMTS connections
- 4 x USB 480 Mbps
- SD card management
- Free Linux BSP
- and much more...

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## Technical data

Processor	Freescle i.MX31 Multimedia Applications Processor, CPU ARM1136JF-S™ core, 532 Mhz, 128 KB L2 unified cache, Jazelle® Java acceleration, Vector floating point coprocessor (VFP), Smart Speed™ Switch
On board flash	64Mb NOR Flash + 64 MB NAND Flash
On board RAM	64 MB DDR-SDRAM
Memory expansion	SD card connector

Display	Sharp 10,4" "STRONG" TFT-LCG LQ104V1DG61 optional touch screen
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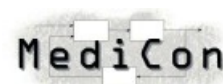
Wi-Fi	PCMCIA connector allow user's choice Wi-Fi module
GPRS / UMTS	GPRS : Siemens MC55-6 / UMTS : Siemens HC25
USB	4 x USB 2.0, High-Speed 480Mbps, OTG, Host
Wired LAN	1 x Ethernet 10-100BASE-T

Temperature range	-30 to +80 °C
Protection provided by enclosure	IP 65

Operating system	Embedded Linux (optional Microsoft Windows CE 6.0 or 5.0)
Multimedia framework	GStreamer
3D Computer Graphics API	OpenGL ES 1.1
Application Framework with GUI functionality	QT 4

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