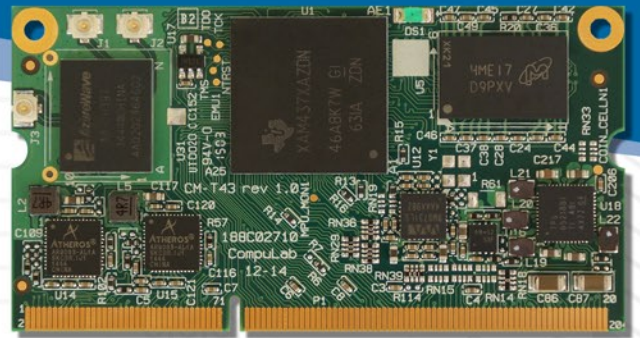


CompuLab CM-T43

ARM Cortex-A9 System-on-Module

Ideal solution for
Cost-Sensitive Applications
Portable and Miniature Systems
IoT and Industrial Communications



- Texas Instruments Cortex-A9 Sitara AM4376/9, 1GHz
- Up to 1GB DDR3 and 32GB eMMC / NAND storage
- 2x2 MIMO 802.11ac/a/b/g/n WiFi and Bluetooth 4.0
- GbE x2, USB x2, UART x6, CAN x2, SDIO x3, GPIO x133
- Linux and Android support
- Tiny size - 36 x 68 x 5 mm



Leader in embedded computing solutions

CM-T43 Specifications

System and Graphics

CPU Texas Instruments Cortex-A9 AM4376/9 SoC, up to 1GHz

RAM 128MB – 1GB, DDR3-800, 32-bit data bus

Storage On-board SLC NAND flash, 128MB - 512MB

On-board eMMC flash, 4GB - 32GB

Graphics PowerVR SGX530 GPU

I/O

Display Parallel 24-bit display interface - up to 100 Mpixels/sec

Touchscreen 4/5/8-wire resistive touch-screen support

Audio On-board audio codec with analog stereo input/output and microphone support

Camera Up-to 2x 12-bit parallel camera (VPFE) interfaces

Gigabit Ethernet 2x 1000/100/10Mbps Ethernet ports

Wireless Dual-band, dual-antenna 2x2 WiFi 802.11ac/a/b/g/n and Bluetooth 4.0

USB 2x USB2.0 high-speed host ports

CAN bus Up to 2x CAN bus interfaces

Serial Ports (UARTs) Up to 6x UART ports

SPI Up to 4x configurable SPI bus interfaces

I2C Up to 2x I2C interfaces

MMC/SD/SDIO Up to 3x MMC/SD/SDIO interfaces

General Purpose I/O Up to 133x multifunction GPIO signals (shared with other functions)

ADC 16x general-purpose ADC channels

RTC Real time clock, powered by external lithium battery

Electrical and Mechanical

Supply Voltage 3.3V to 5V / Li-Ion battery

Dimensions 36 x 68 x 5 mm

Connectors 204-pin SO-DIMM edge connector



www.compulab.co.il

Headquarters
CompuLab Ltd.
17 HaYetzira St,
Yokneam Elite 20692, Israel
Tel +972-48-290-100
E-mail: sales@compulab.co.il

U.S Office
CompuLab Embedded Systems
111 2nd ave NE, Suite 510,
Saint Petersburg FL, 33701 USA
Tel 1-800-832-9824 or 727-821-1346
E-mail: mickael@compulab-systems.com