



Several reasons to use TACTOP as the core of your new product :

- Hardware based on Intel's proven technology
- Customizable memory configuration
- Many peripherals,
- High quality screen,
- Unmatched battery autonomy and power management



## BRAIN

Linux OS 2.4 or Microsoft® Windows® CE.net 4.0  
Graphical user interface XWindows or QT-Embedded

## DISPLAY

TFT screen, 65,536 colors (several sizes available)  
optional analog video out, touchscreen

## STORAGE

PCMCIA, CompactFlash, Memory Stick,  
SDCard, MMC, IDE, SmartCard

## COMMUNICATION

serial, USB, IRDA (SIR & FIR), RTC\*, Ethernet\*, Bluetooth\*,  
802.11b / WiFi\*, GSM / GPRS\*, low power radio\*

## MULTIMEDIA

stereo audio, FM Radio receiver, CMOS sensor\*

## ACQUISITION

GPS\*, bar code scanner\*, biometrics\*, industrial bus\*

## POWER SUPPLY

Battery (several sizes available), DC input



Microsoft  
Windows

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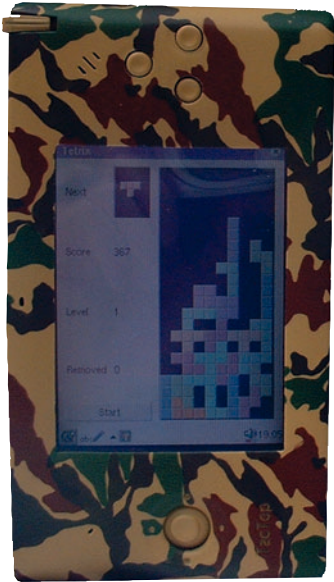
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\* technology available as optional modules



# Specifications

**CPU** Intel StrongARM SA1110 59-206 MHz

**MEMORY** ROM : 32 - 64 MB Flash OS, Applications, Drivers, Documents  
RAM : 64 - 256 MB SDRAM kernel & heap & ramdisk (temporary storage)

**DISPLAY** TFT 3.8", 240x320, 65,536 colors  
TFT 4", 640x480, 65,536 colors  
also available : large size screens, up to SVGA & XGA  
composite or computer video output

**INTERFACES** Resistive touchscreen  
Buttons : classical switches, two ways, joystick

**EXTENSIONS** CompactFlash, SDCard / MMC  
also available : PCMCIA, MemoryStick, IDE, SmartCard

**I/O** RS232 serial, USB slave & master, IRDA (SIR & FIR), Low Power Radio

**COMMUNICATION** TCP/IP over USB (custom driver for Windows® 98SE, ME, 2000, XP)  
also available : Ethernet, RTC Modem, GSM/GPRS, Bluetooth, 802.11b ...

**MULTIMEDIA** Stereo Audio In/Out 16 bits, 44kHz  
FM Radio Receiver  
also available : CMOS Image sensor

**ACQUISITION** available : bar code scanner, biometrics, industrial buses (CAN, etc), GPS

**POWER SUPPLY** Lithium Ion Polymer battery (several sizes available)  
100-240 V, 50-60 Hz AC adapter

**CASING** custom design using rapid prototyping

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