

## ICOP Technology Inc.

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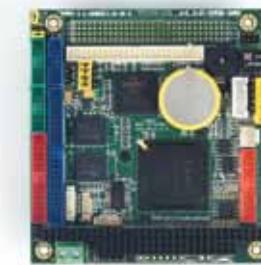
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### 800MHz VDX-6354 SBC

This SBC in the PC/104 format is based on the Vortex86DX System-on-Chip (SoC), an x86-based processor designed for embedded and industrial applications. At 800MHz, this low-power SBC draws 740mA at 5VDC. The SBC's soldered-on DDR2 RAM and fanless design, which uses a low-profile heat sink to meet the PC/104 stacking specification, along with integrated video/LCD, Ethernet, audio, USB 2.0, 4 serial ports, parallel port, IDE storage, GPIO, keyboard/mouse, RTC and more, provide the ideal hardware platform to develop a broad range of embedded applications. In addition to supporting popular modern embedded OSs and RTOSs such as Linux, Windows XP, Windows XP Embedded, WES 2009, Windows Embedded CE and WEC 7, legacy support for applications that require older versions of Linux, Windows and DOS is available.

The VDX-6354 SBC is designed to operate in the -40°C to +85°C industrial temperature range, with 10 years of product life.



### FEATURES

- 800MHz x86 CPU with L1 and L2 cache
- Integrated VGA with LCD support, IDE, 4 serial ports, parallel port, USB 2.0, Ethernet, keyboard/mouse, audio and 16 GPIO
- Soldered-on system memory (available in 256MB and 512MB)
- Two sets of watchdog timers
- Single 5VDC @ 740mA power requirement makes it easy to adapt this board to existing designs
- -40°C to +85°C industrial operating temperature range
- Support available for Windows XP, Windows XP Embedded, WES 2009, Windows Embedded CE 5.0/6.0, WEC 7, Linux and popular RTOSs

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