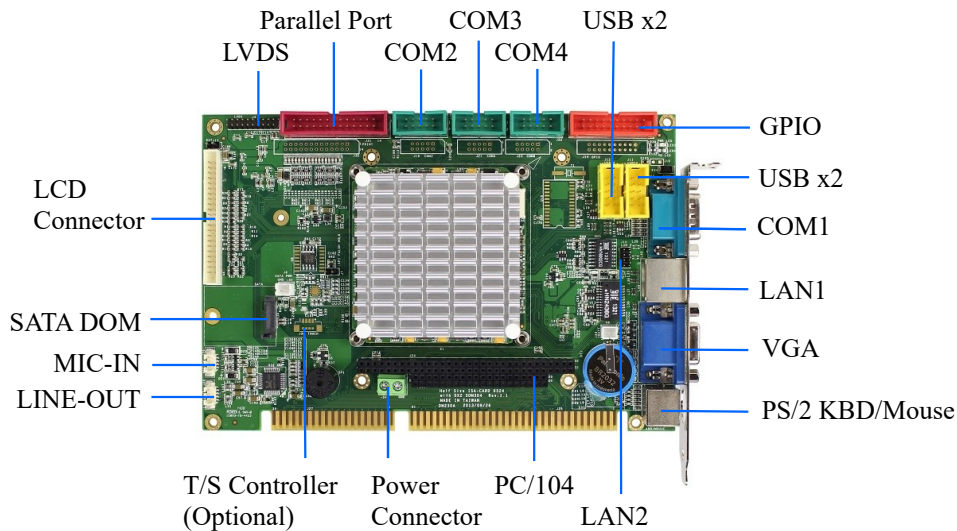


# IPC-HC36724

1GB/4S/4USB/VGA/LCD/  
LVDS/2LAN/AUDIO/GPIO



## Specification

<b>Processor</b>	DM&P SoC CPU Vortex86DX3 - 1GHz L1: 32K I-Cache, 32K D-Cache, L2: 512KB Cache	<b>Power Requirement</b>	Single Voltage +5V@1000mA
<b>RAM</b>	1/2GB DDR3 Onboard	<b>Weight</b>	180g
<b>BIOS</b>	AMIBIOS	<b>Dimensions</b>	184mm x 122mm (7.24 x 4.80 inches)
<b>Watchdog Timer</b>	Software programmable from 30.5µs sec. to 512 sec. x 2 sets	<b>Operating Temp.</b>	-20°C ~ +70°C
<b>Display</b>	Integrated 2D VGA chip with Dual Display Support (VGA + LVDS) VGA: Maximum resolution up to 1920 x 1080 @ 60Hz LVDS: Maximum resolution up to 1024 x 768 @ 60Hz Single channel 24-bit LVDS	<b>OS Support</b>	DOS, Windows CE6.0/CE7.0/XP Professional/ Embedded Standard(XPE)/Embedded Standard 7 POS Ready (WePOS), Embedded Linux, QNX, VxWorks, and FreeBSD
<b>LAN</b>	Integrated 10/100Mbps Ethernet x1 Realtek 8111F 10/100/1000Mbps Ethernet x1	<b>Ordering Information</b>	
<b>Bus</b>	PC/104 compliant	<b>IPC-HC36724</b> Vortex86DX3 Half-Size CPU Module with 1GB DDR3	
<b>Audio</b>	HD Audio	<b>IPC-HC36724-CF</b> Vortex86DX3 Half-Size CPU Module with 1GB DDR3 and CF card slot	
<b>PWM</b>	None	<b>IPC-HC36724-A</b> Vortex86DX3 Half-Size CPU Module with 2GB DDR3	
<b>Optional Interface</b>	PS/2 Touch Controller x1 USB hot SAWP x1	<b>IPC-HC36724-ACF</b> Vortex86DX3 Half-Size CPU Module with 2GB DDR3 and CF card slot	
<b>I/O interface</b>	SATA 7P Connector x1 RS232 port x2 RS232/485 port x2 Parallel port x1 USB port (Ver. 2.0) x4 16-bit GPIO x1 10/100Mbps Ethernet port x1 10/100/1000Mbps Ethernet port x1	<b>IPC-HC36724-CB</b> Cable set for VDX3-6724	
<b>Connector</b>	SATA 7-pin for SATA x1, 2P for SATA Power x1 2.54mm 26-pin box header for Printer x1 2.54mm 20-pin box header for GPIO x1 2.54mm 10-pin box header for USB x2 2.54mm 10-pin box header for RS232 x3 2.54mm 2-pin header for Reset x1 2.00mm 44-pin box header fro LCD x1 2.0mm 20-pin header for LVDS x1 2.0mm 8-pin header for Ethernet x1 1.25mm 4-pin wafer for Line-out/MIC-in x2 External RJ-45 connector for Ethernet x1 External Mini DIN connector for KBD/Mouse x1 External D-Sub 15 pins female connector for VGA x1 External D-Sub 9 pins male connector for RS232 x1		