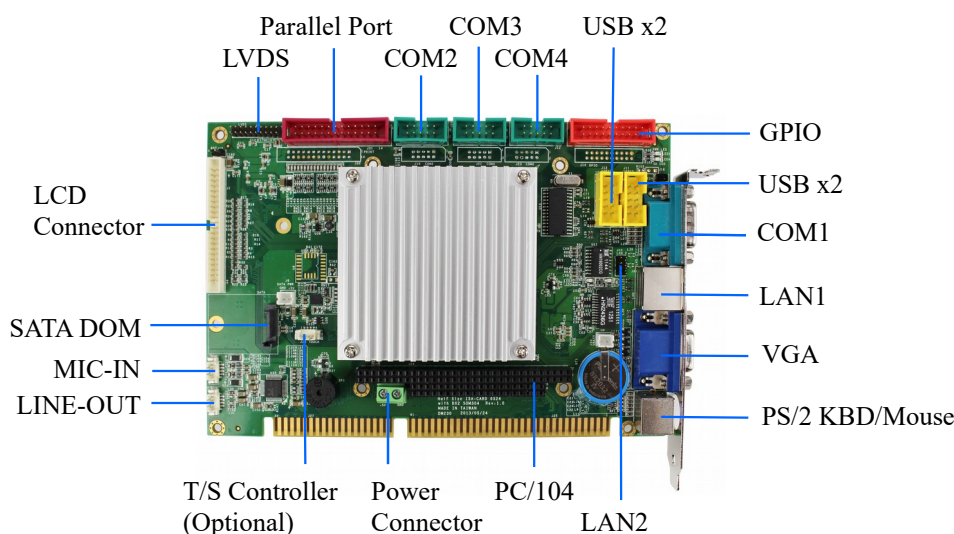


VDX3-6724

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



Specification

Processor	DM&P SoC CPU VorteeX86DX3 - 1GHz L1: 16K I-Cache, 32K D-Cache, L2: 512KB Cache	Power Requirement	Single Voltage +5V@1000mA
RAM	1/2GB DDR3 Onboard	Weight	180g
BIOS	AMIBIOS	Dimensions	184mm x 122mm (7.24 x 4.80 inches)
Watchdog Timer	Software programmable from 30.5μs sec. to 512 sec. x 2 sets	Operating Temp.	-20°C ~ +70°C -40°C ~ +85°C (Optional)
Display	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	OS Support	DOS, Windows CE6.0/CE7.0/XP Professional/ Embedded Standard(XPE)/Embedded Standard 7 POS Ready (WePOS), Embedded Linux, X-Linux, QNX, Waxworks, and FreeBSD
LAN	Integrated 10/100Mbps Ethernet x1 Realtek 8111F 10/100/1000Mbps Ethernet x1	Ordering Information	
Bus	PC/104 compliant	VDX3-6724-1G Vortex86DX3 Half-Size CPU Module with 1GB DDR3	
Audio	HD Audio	VDX3-6724-1G-CF Vortex86DX3 Half-Size CPU Module with 1GB DDR3 and CF crad slot	
PWM	None	VDX3-6724-2G Vortex86DX3 Half-Size CPU Module with 1GB DDR3	
Optional Interface	PS/2 Touch Controller x1 USB hot SAWP x1	VDX3-6724-2G-CF Vortex86DX3 Half-Size CPU Module with 2GB DDR3 and CF crad slot	
I/O interface	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	CABLE-SET-6724 Cable set for VDX3-6724	
Connector	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		