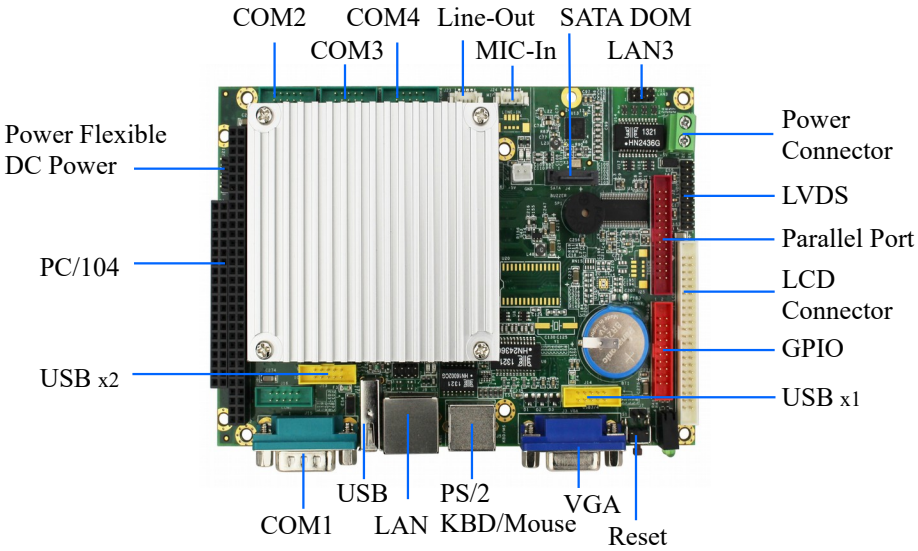
VDX3-6726

1GB/4S/4USB/VGA/LCD/ LVDS/3LAN/AUDIO/GPIO



Specification

Processor	DM&P SoC CPU Vorteex86DX3 - 1GHz L1: 16K I-Cache, 32K D-Cache, L2: 512KB Cache
RAM	1/2GB DDR3 Onboard
BIOS	AMIBIOS
Watchdog Timer	Software programmable from 30.5μs sec. to 512 sec. x 2 sets
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
LAN	Integrated 10/100Mbps Ethernet x1 Realtek 8111F 10/100/1000Mbps Ethernet x2
Bus	PC/104 Standard Compliant
Audio	HD Audio
PWM	None
Optional Interface	PS/2 Touch Controller x1 USB hot SAWP x1
I/O interface	SATA 7P Connector x1 RS232/485 port x4 Parallel port x1 USB port x4 (USB 2.0 version) 16-bit GPIO x1 10/100Mbps Ethernet port x1 10/100/1000Mbps Ethernet port x2
Connector	SATA 7-pin for SATA x1 2.0mm 44-pin box header for LCD x1 2.0mm 26-pin box header for Printer x1 2.0mm 20-pin box header for 16-bit GPIO x1 2.0mm 20-pin header for LVDS x1 2.0mm 10-pin box header for VGA x1 2.0mm 10-pin box header for USB x2 2.0mm 10-pin box header for RS232 x3 2.0mm 8-pin header for Ethernet x2 2.54mm 4-pin header for DC-in x1 2.54mm 2-pin header for Reset x1 1.25mm 4-pin Wafer for Line-out/MIC-in x2 External RJ45 connector for Ethernet x1 External Mini DIN connector for KDB/Mouse x1 External D-Sub 15-pin female connector for VGA x1 External D-Sub 9-pin male connector for RS232 x1

Power Requirement	Single Voltage +5V@1.3A
Wright	150g
Dimensions	102mm x 146mm (4.01 x 5.75 inches)
Operating Temp.	-20℃ ~ +70℃ -40℃ ~ +85℃ (Optional)
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

Ordering Information

VDX3-6726-1G
Vortex86DX3 3.5" CPU Module with 1GB DDR3

VDX3-6726-1G-T
Vortex86DX3 3.5" CPU Module with 1GB DDR3 and Touch available

VDX3-6726-2G
Vortex86DX3 3.5" CPU Module with 2GB DDR3

VDX3-6726-2G-T
Vortex86DX3 3.5" CPU Module with 2GB DDR3 and Touch available

CABLE-SET-6726
Cable set for VDX3-6726