

VDX3-EITX

Features

- Vortex86DX3 1GHz
- Onboard 1GB DDR3 (upto 2GB)
- 4COM + 6USB + 2LAN + DIO
+ Audio + 1 Isolated CAN bus (Optional)
- EtherCAT support
- +12 to +24VDC input support
- Load dump test for vehicle applications passed
- Compliant with ISO7637-2 and ISO16750-2



Specifications

CPU	DM&P SoC Vortex86DX3 1GHz L1: 32K I-Cache, 32K D-Cache, L2 Cache: 512KB			
RAM	1/2GB DDR3 Onboard			
BIOS	AMI BIOS			
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 x1			
Disk Support	SATA DOM Compact Flash			
I/O Interface	RS232 x3 RS485 x1 USB x6 CAN x1 Audio x1 DIO x1			
Connectors	1.25mm 30-pin wafer for LCD Panel x1 2.0mm 10-pin header for Audio x1 2.0mm 26-pin box header for DIO x1 D-Sub 15-pin female connector for VGA x1 USB connector x2 Power terminal block x1	2.0mm 10-pin header for USB x2 2.0mm 10-pin header for CAN Bus module x1 2.54mm 3-pin box header for CAN Bus x1 D-Sub 9-pin male connector for RS232 x3 RJ45 connector x2	2.0mm 4-pin header for CAN Bus module x1 26-pin SCSI II D-type female connector for LVDS x1 D-Sub 9-pin male connector for RS485 x1 SATA 7P for SATA x1 Compact Flash slot x1	
Power Requirement	+12 to +24V			
Operating Temperature	-20°C to +70°C			
O/S Support	Windows 7 Windows XP Professional POS Ready (WePOS)	Windows Embedded Standard 7 Windows Embedded 2009 QNX	Windows Embedded Compact 7 Linux VxWorks	Windows Embedded CE6.0 DOS Free BSD
Dimension	170 x 120mm			
Weight	210 g			

Ordering Information

PART NO.	CPU (MHz)	DRAM (DDR3)	Storage	Display	LAN	GigaLAN	USB (Ver. 2.0)	RS232	RS485	CAN (Optional)	DIO	Audio
VDX3-EITX-7S4E1	1GHz	1GB	SATA Compact Flash	VGA LVDS	1	1	6	3	1	1	1	MIC-In Line-Out
VDX3-EITX-7S5E1	1GHz	2GB	SATA Compact Flash	VGA LVDS	1	1	6	3	1	1	1	MIC-In Line-Out



SCSI II D-type connector for LVDS

