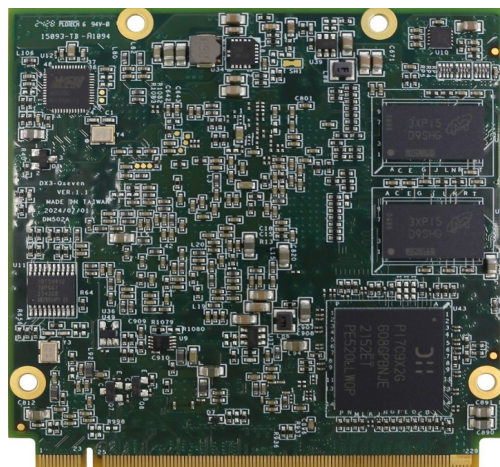
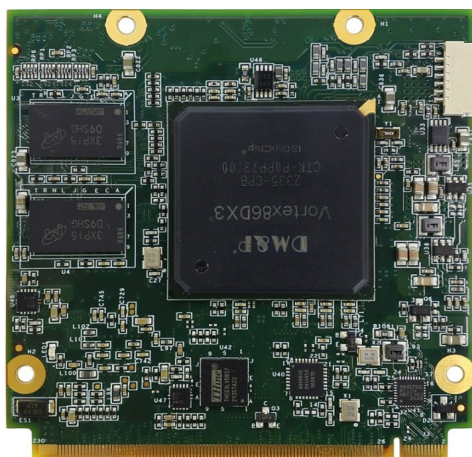


VDX3-Q7



Specifications

CPU	DM&P SoC Vortex86DX3 800MHz L1: 32K I-Cache, 32K D-Cache, L2 Cache: 512KB			
RAM	1/2GB DDR3 Onboard			
BIOS	AMI BIOS			
Compliant	Qseven® 2.1 Specification			
Expansion	PCIe 1.0 x4			
Display	HDMI: Maximum resolution up to 1920 x 1080 @ 60Hz (Display output only) LVDS(Single): Maximum resolution up to 1024 x 768 LVDS(Dual): Maximum resolution up to 1920 x 1080			
LAN	Realtek 8111H Giga Ethernet x1			
Audio	HD Audio			
I/O Interface	SATA x1 RS232 (TX/RX) x1 SPI x1	SD x1 USB (ver. 2.0) x7 I²C x1	8-bit GPIO x1 I²C x1	
Power Requirement	TBA			
Operating Temperature	-20°C to +70°C (Single Core) -10°C to +60°C (Dual Core)		-40°C to +85°C (Optional for Single Core) -20°C to +70°C (Optional for Dual Core)	
Dimension	70 x 70mm			
Weight	63g			
O/S Support	Windows 7 Windows XP Professional Free BSD	Windows Embedded Standard 7 POS Ready (WePOS) QNX	Windows Embedded Compact 7 Linux VxWorks	WES2009 DOS

Ordering Information

PART NO.	CPU	DRAM (DDR3)	Storage	Display	GbE	USB (ver. 2.0)	RS232 (TX/RX)	8-bit GPIO	PCIe	SPI	I²C	Audio
VDX3-Q7-54E	800MHz	1GB	SATA SD	HDMI LVDS	1	7	1	1	4	1	1	HD Audio
VDX3-Q7-55E	800MHz	2GB	SATA SD	HDMI LVDS	1	7	1	1	4	1	1	HD Audio

PRELIMINARY VERSION