

MINIPCIE-9160 display module for VEX series

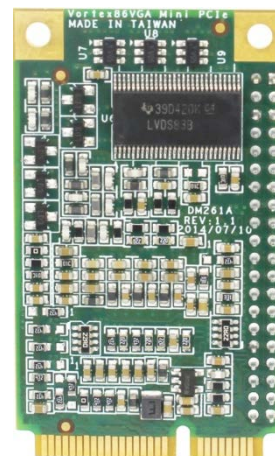
Features

- * Vortex86VGA Chipset
- * VGA, TFT-LCD, and 24-bit LVDS Support
- * Resolution support up to 1024 x 768 @ 60Hz
- * VESA DDC Support
- * -20°C to +70°C Operating Temperature Support

Physical Appearance



Front

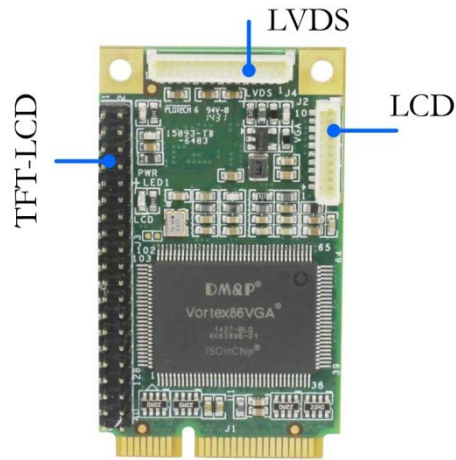


Bottom

Order Information

Part No.	Description
MINIPCIE-9160	Mini PCI-E VGA card (For VEX series only)

MINIPCIE-9160 pinout



TFT-LCD (Optional)

Pin#	Single Name	Pin #	Single Name
1.	VDD	2	VDD
3	G4	4	G5
5	G6	6	G7
7	R0	8	R1
9	R2	10	R3
11	R4	12	R5
13	R6	14	R7
15	VSS	16	/
17	/	18	/
19	/	20	VSS
21	B0	22	B1
23	B2	24	B3
25	B4	26	B5
27	B6	28	B7
29	G0	30	G1
31	G2	32	G3
33	VSS	34	VSS
35	DEN	36	XCLK
37	ADJ	38	HSYNC
39	VDDEN	40	VSUNC

24-bit LVDS (Optional)

Pin#	Single Name
1	VCC3
2	VCC3
3	Y0P
4	Y0M
5	GND
6	Y1P
7	Y1M
8	GND
9	Y2P
10	Y2M
11	GND
12	CLKOUTP
13	CLKOUTM
14	Y3P
15	Y3M

VGA (Default)

Pin#	Single Name
1	ROUT
2	GND
3	GOUT
4	GND
5	BOUT
6	GND
7	HSYNC
8	GND
9	VSUNC
10	GND