

R6HD-100

LVDS interface for TFT panels

The Winmate R6HD-100 is a powerful graphics processing board, providing high-quality images for TFT panels

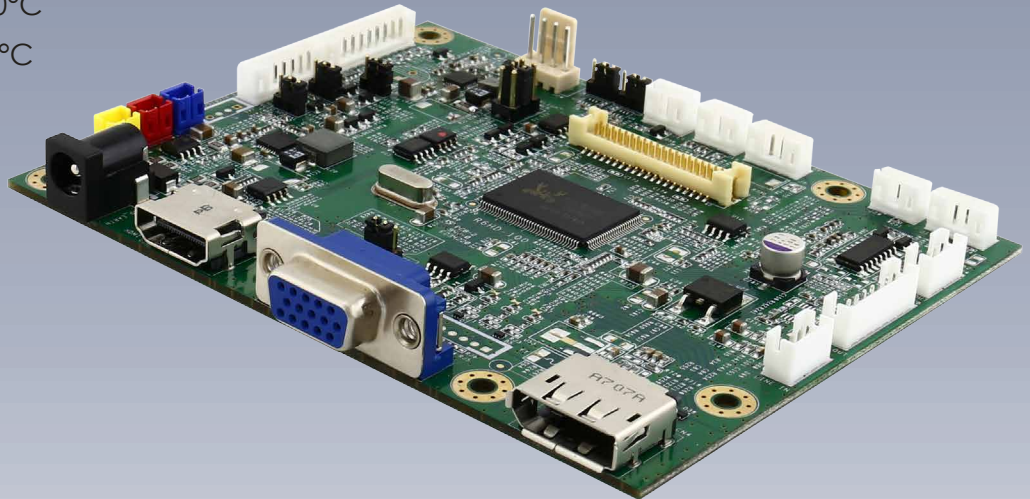
Support Panel Interface : LVDS (Dual Channel)

Input : HDMI 1.4, VGA, Display Port

Output : Speaker (2W)

Feature

- Support resolution 1920x1200@60Hz
- 12V DC Input
- VGA support Sync-On-Green (SOG)
- HDCP 1.2 Enhanced protection of HDCP secret key
- Built-in stereo audio device (Optional)
- IR remote control (Optional)
- Operating Temperature 0~+50°C
- Storage Temperature -20~+60°C



Resolution

WUXGA

UXGA

SXGA

WXGA

XGA

SVGA

WVGA

WUXGA

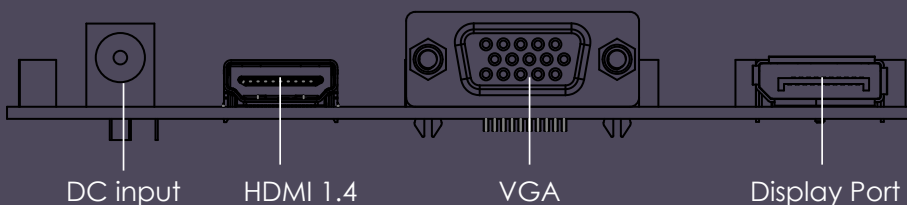
Input

DC 12V

HDMI 1.4 x 1

D-Sub x 1

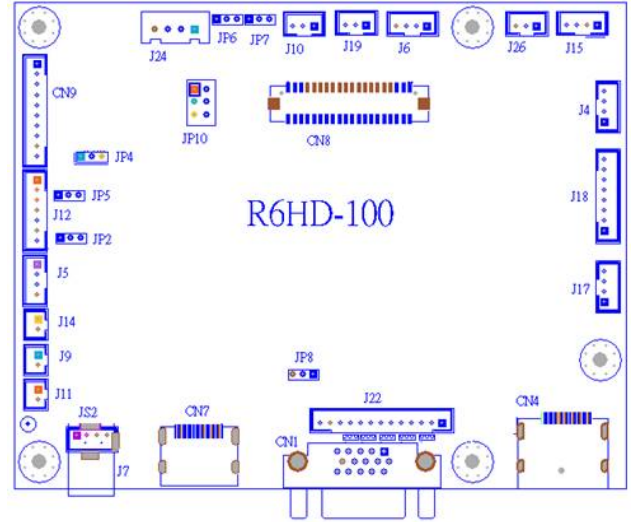
Display Port x 1



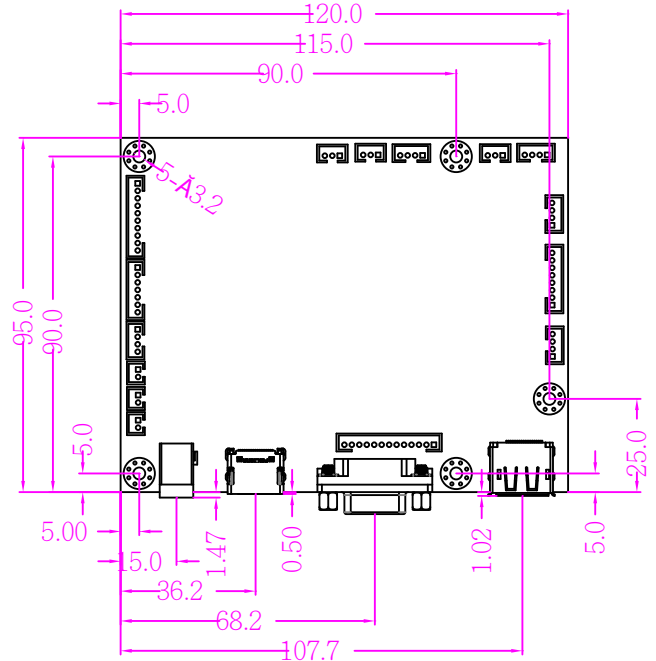
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R6HD-100 I/O & Connectors Guide

Connector	Description
J4	Speak out
J6	GPIO Control Wafer
J7	Power Input connector
J9	DC +5V Output
J10	GPIO Control Wafer
J11	DC +12V Output
J12	Backlight Control Wafer
J14	DC +3.3V Output
J15	GPIO Control Wafer
J18	Mic & Audio Output Connector
J19	IR Sensor Wafer
J22	VGA Input Wafer
J24	UART Connector
J26	VR Control Brightness Connector
J29	DVI Input Wader
JS2	Power Wafer
JP2	Hanns (10.1") Option Connector
JP4	PWM Level(5V/3.3V)Select Connector
JP5	DC/PWM Select Connector
JP6	RX/SCL Select
JP7	TX/SDA Select
JP8	DDC Jumper
JP10	Output Panel Power Select Jumper
CN1	VGA Connector
CN4	Display port Input
CN7	HDMI Connector
CN8	LVDS Panel Connector
CN9	OSD Key Pad Wafer



R6HD-100 Board Dimension



Please visit our Website for more information at www.winmate.com



9F, No.111-6, Shing-De Rd., San-Chung Dist.,
New Taipei City 24158, Taiwan, R.O.C.

TEL : +886-2-8511-0288
FAX : +886-2-8511-0211

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