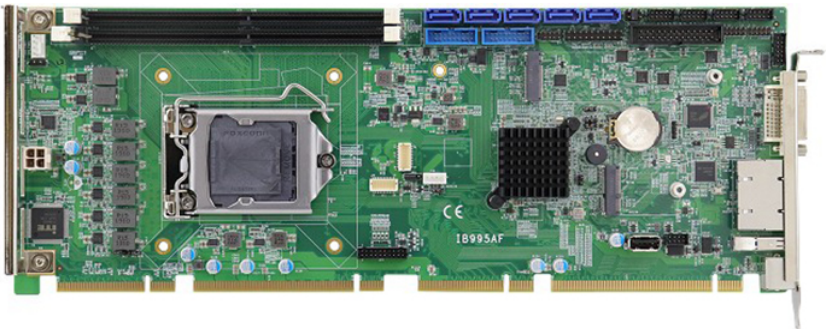


IB995

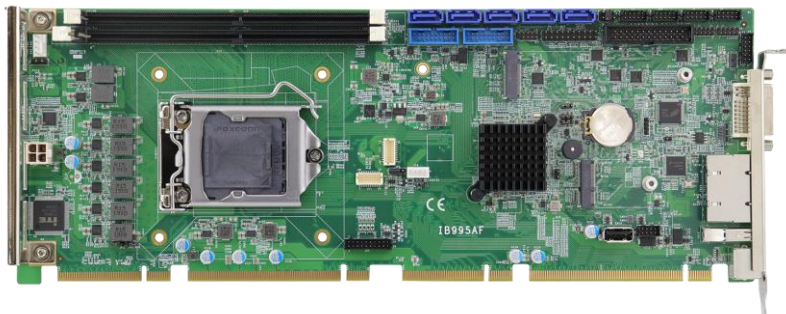
Intel® 8th or 9th Gen. Xeon. Core™ i7/i5/i3
Full-Size CPU Card

Supplemental LVDS

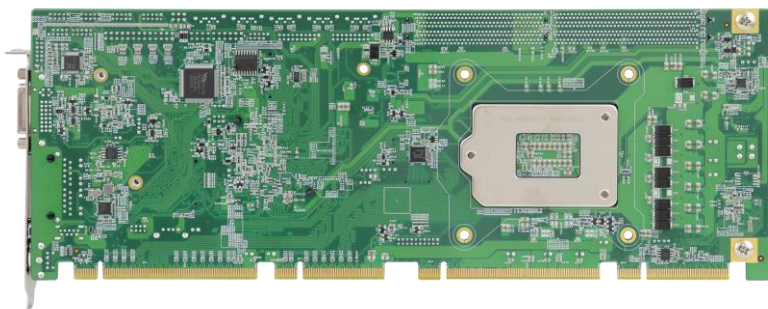
Version 1.0



Top View



Bottom View



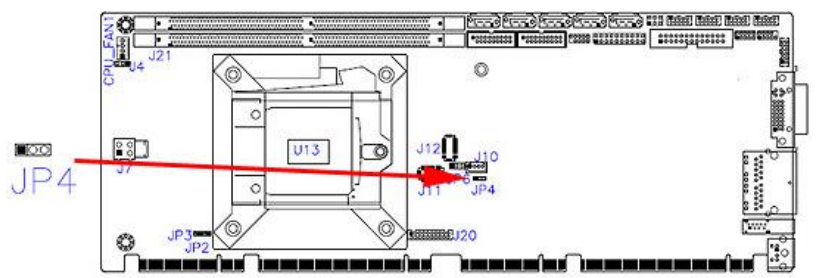
I/O View



* The photos above are for reference only.

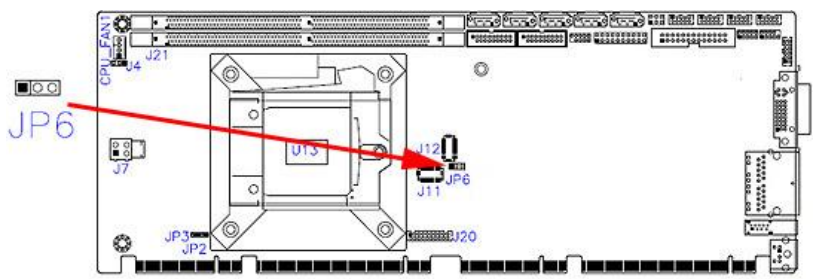
Page 2

805 LVDS Brightness Selection (JP4)



Function	Pin closed	Illustration
3.3V (default)	1-2	
5V	2-3	

LVDS Panel Power Selection (JP6)

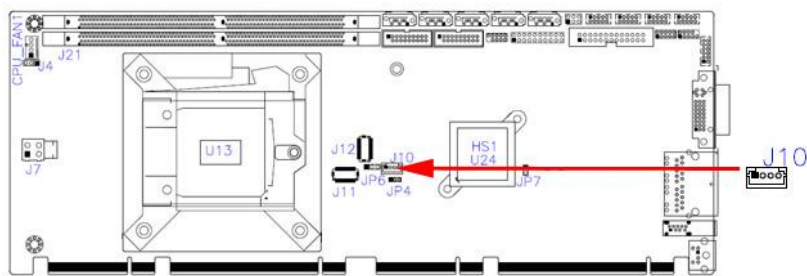


Function	Pin closed	Illustration
3.3V (default)	1-2	
5V	2-3	

Connectors Quick Reference

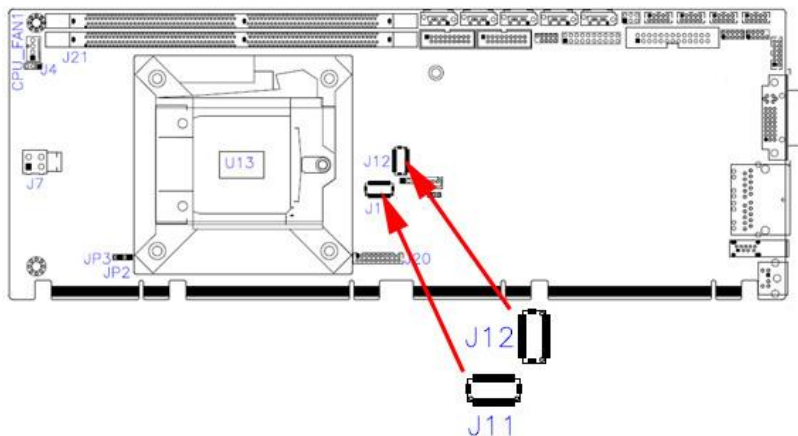
Function	Connector Name
LCD Backlight Connector	J10
LVDS Connector	J11, J12
DVI-D Connector	J20

LCD Backlight Connector (J10)



Pin	Signal Name	Pin	Signal Name
1	+12V	3	Brightness Control
2	Backlight Enable	4	Ground

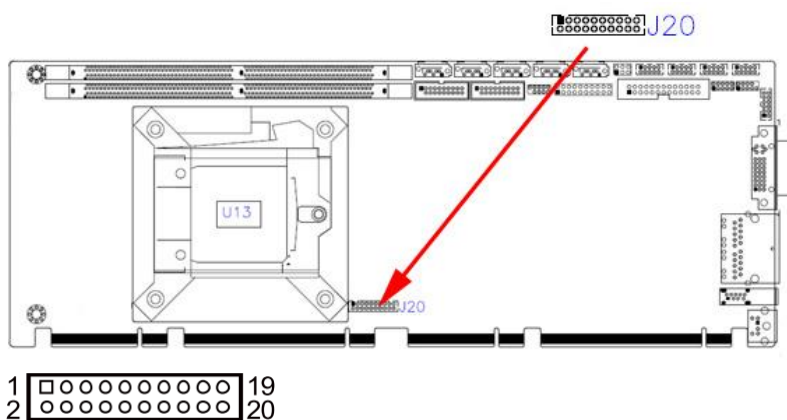
LVDS Connector (J11, J12)



Pin	Signal Name	Pin	Signal Name
1	TX0P	2	TX0N
3	Ground	4	Ground
5	TX1P	6	TX1N
7	Ground	8	Ground
9	TX2P	10	TX2N
11	Ground	12	Ground
13	CLKP	14	CLKN
15	Ground	16	Ground
17	TX3P	18	TX3N
19	VDD	20	VDD

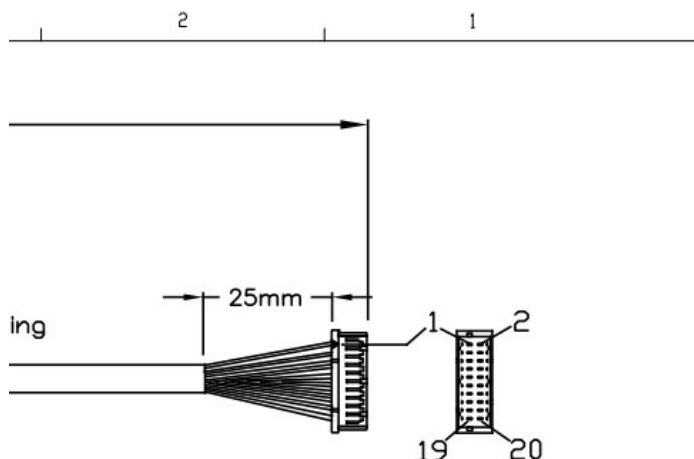
Remarks: J11 is 1st LVDS; J12 is 2nd LVDS.

DVI-D Connector (J20)



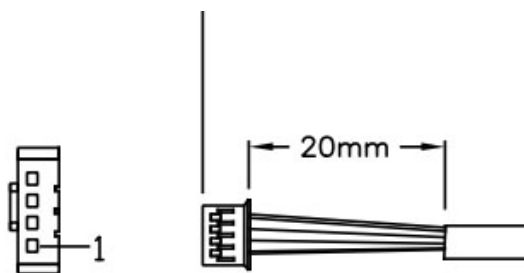
Pin	Signal Name	Pin	Signal Name
1	TMDS_DATA1_P	2	TMDS_DATA1_N
3	Ground	4	Ground
5	TMDS_CLK_P	6	TMDS_CLK_N
7	Ground	8	Ground
9	Hot Plug Detect	10	NC
11	TMDS_DATA2_P	12	TMDS_DATA2_N
13	Ground	14	Ground
15	TMDS_DATA0_P	16	TMDS_DATA0_N
17	NC	18	NC
19	TMDS_SDA	20	TMDS_SCL

Connectors for LVDS display



1x Conn. Socket Crimp
20pos Dual Row
Hirose DF20A-20DS-1C

20x Conn. Socket 28-30AWG
Grimp GOLD
Hirose DF20F-2830SCFA

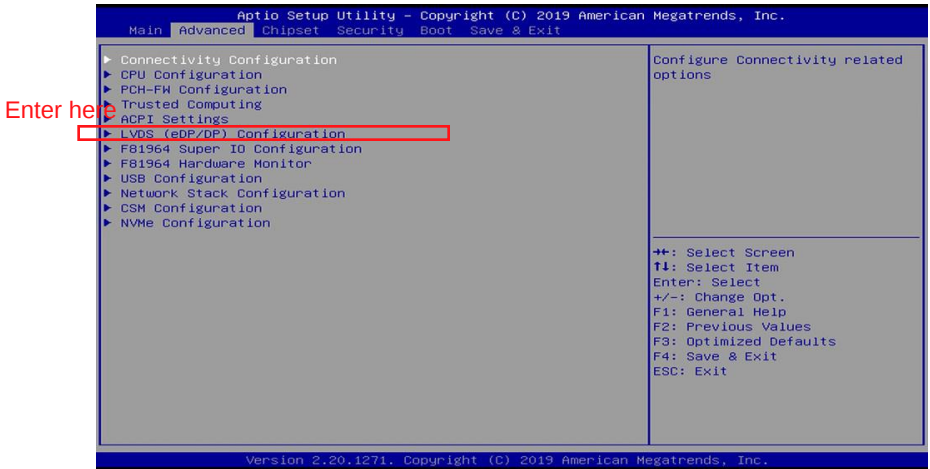


1x Conn. Housing PH
4 pos 2mm white
JST PHR-4

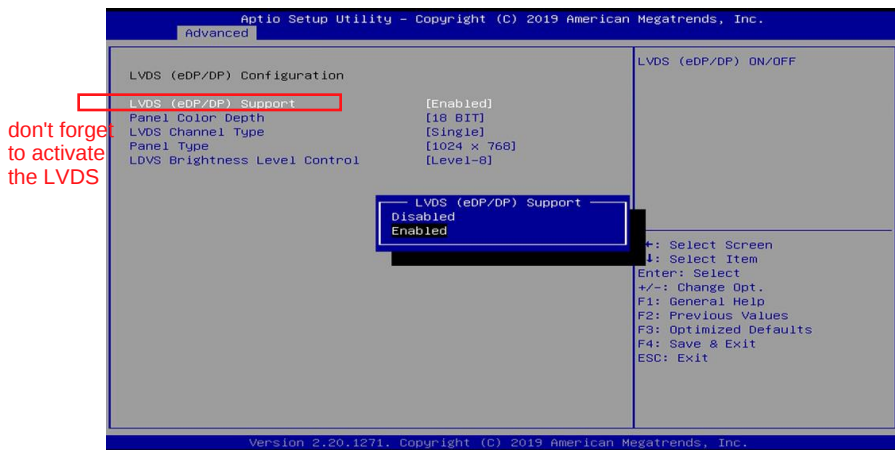
4x Conn. Socket 24-28AWG
JST SPH-002T-P0.5L

Advanced Settings

This section allows you to configure, improve your system and allows you to set up some system features according to your preference.



LVDS (eDP/DP) Configuration



BIOS Setting	Description
LVDS (eDP/DP) Support	LVDS (eDP/DP) ON/OFF
Panel Color Depth	Options: 18 BIT, 24bit(VESA), 24bit(JEIDA)
LVDS Channel Type	Options: Single, Dual
Panel Type	Options: 800x480, 800x600, 1024x768, 1280x768, 1280x800, 1280x960, 1280x1024, 1366x768, 1440x900, 1600x900, 1600x1200, 1680x1050, 1920x1080, 1920x1200
LVDS Brightness Level Control	Options: Level-1, Level-2, Level-3, Level -4, Level-5, Level-6, Level-7, Level-8