

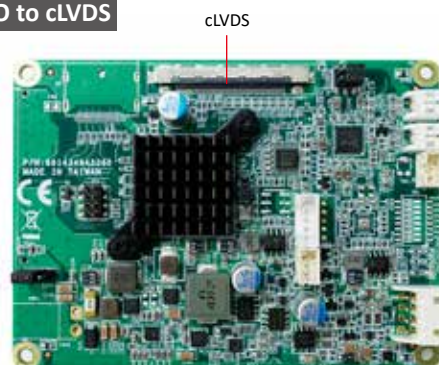
AMIO-DSP0-DL20/DV40

AMIO to LVDS/cLVDS (V-by-One) w/ 10W Audio Amp Expansionboard

DL20 AMIO to LVDS



DV40 AMIO to cLVDS



Rear View

Key Features

- AMIO to LVDS(DL20)/ cLVDS (DV40)
- 10W Audio Power Amplifier
- M.2 2230 E-key WiFi/ BLE module Supported (DL20 Only)
- AMIO interface expansion
- Input Power 12Vdc, 19-24Vdc

Product Specification

Model Name	AMIO-DSP0-DL20	AMIO-DSP0-DV40
Chipset	Chrontel® CH7511B eDP v1.2 to LVDS Converter	Explore® EP619E DP v1.2 Rx w/HDCP 1.4 to cLVDS Tx Converter
Max. Resolution	FHD (1920 x 1080) LVDS(2ch 18/24 bit)	4K (3840 x 2160) x 2K 60Hz 10bit
Interface	AMIO to LVDS	AMIO to cLVDS
Connector		
AMIO (Display in)	1 x AMIO w/ DisplayPort signal	
Output Signal	1 x LVDS Port	1 x cLVDS Port
M.2	1 x E-Key (2230)	N/A
Audio		
Interface	Line Out 10W Amp	
Input Power	12V, 19-24V	
Environment		
Operating Temperature	-40°C ~ 70°C (32°F ~ 158°F) Standard	-40°C ~ 60°C (32°F ~ 140°F) Standard
Storage Temperature	-40°C ~ 80°C (-40°F ~ 230°F)	
Relative Humidity	0%~ 95% (non-condensing)	
Form Factor		
Dimension (L x W)	100mm x 72mm (3.9" x 2.8")	

Ordering Information

Part Number	Description	Part Number	Description
AMIO-DSP0-DL20	MIO Board,Display.DP to LVDS 2K30Hz.Audio Amp 10W. LVDS /LINE-IN/M2-E.AMIO,DC(12V,19V~24V)	AMIO-DSP0-DV40	MIO Board,Display.DP To cLVDS 4K60Hz.Audio Amp 10W. cLVDS /LINE-IN,AMIO.DC(12V,19V~24v)

AMIO Support



Pico-ITX SBC
APIX-APL2



Pico-ITX SBC
APIX-KBL7



3.5" SBC
AECX-SKL6



3.5" SBC
AECX-KBL6



3.5" SBC
AECX-APL7