

# ELD-EMBD2127

Di-ComS (Digital Computing System)



## Product Overview:

Di-ComS is a digital computing system which comprises all standard interfaces into a single board with small in form factor and portable that can be used in embedded PC, medical and industrial designs. It has all the functions on a single board where it meets the embedded system functionality. Di-ComS can be used in massive applications.

## Specifications:

Processor	: Intel® Atom
CPU Frequency	: Up to 1.33GHz
OS Supported	: Linux- Ubuntu version 16.04
Optional OS	: Microsoft Windows 7/8/10
	: Android
Main Memory	: Onboard 2GB DDR3
	: 1MB L2 Cache Memory
Graphics	: Intel HD Graphics
Storage	: Onboard 16GB eMMC 5.0 Flash
SATA Interface	: Supports 2xSATA Gen2 ports with 3-Gbps
SD Card	: Supports External SD Card Up to 32GB
Ethernet	: 2x Gigabit Ethernet
USB Interface	: Support 4x USB 2.0 Type-A ports
USB Camera	: 24 Megapixel (Interpolated)
	: Product dimension 40mm x72mm x63mm
Display	: Max 80MHz Dual channel LVDS interface
	: Max Panel resolution up to 1920 x 1200
	: Dual channel LVDS interface support: 24 bpp
	: LVDS Display Size- 10.0"
Serial Interfaces	: 1x I <sup>2</sup> C, 2xUARTs
Audio	: High Definition Audio Codec
	: Resolution:24b
	: In built speaker-2W
	: External Speaker Support-Up to 5W
	: Option for Mic input
	: Headset and Volume Control
Environmental Specifications:	Operating temperature : - 40° to +85° C
	Relative Humidity : - 5% ~ 90%, non-condensing
	Mechanical Dimension : (253x200x75)mm
Power supply :	32V ±5% (Power over ethernet)

## Highlights:

- Supports multiple Processors-Intel, i.MX6/7/8, TI-SITARA or any other Arm Cortex Processors with Q7 form factor 70x70 mm
- Small form factor and Portable
- Supports 1xPOE (Power Over Ethernet)

## Area of application



IOT



Transportation



Medical Application



Industrial Automation



Home Automation



Artificial Intelligence



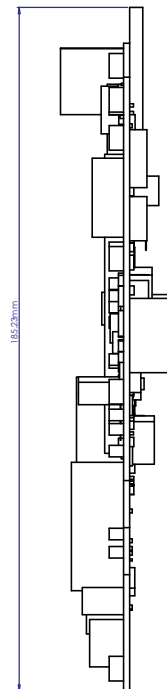
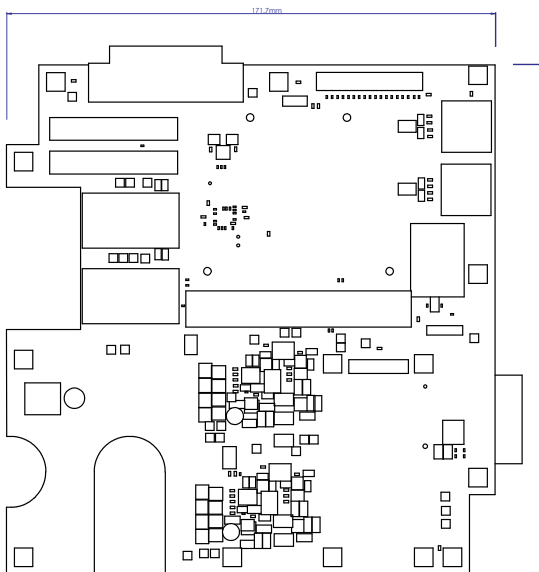
Machine Learning



# ELD-EMBD2127

Di-ComS (Digital Computing System)

	System on Module	Description
<b>Ordering Information</b>	ELD-EMBD2127	Di-ComS
<b>Accessories</b>	POE adppter power cable 2sets of ethernet cable	
<b>Add on list</b>	USB2.0 Camera USB2.0 Keyboard USB2.0 Mouse SD Card SATA Hard disk Speaker -2WMic	



## Contact Details :

### Eldaas Technologies Inc

8358 Six Forks Rd, Suite #201

Raleigh, NC - 27615, USA

Phone: +1 984 205 4054

Email: sales.usa@eldaas.com

Website: www.eldaas.com



Online Download: [www.eldaas/products](http://www.eldaas/products)

