

# ARK-I+2I385PW+DM002

Compact Fanless Embedded Computer  
with Intel® Bay Trail Processor



## ■ Features:

- Intel® Bay Trail CPU: Atom™ E3845 / E3825, Celeron® J1900
- On Board DDR3L 2 / 4GB
- Independent display: VGA (M12), Mini HDMI
- M12 IO: 2 x Intel GbE LAN, 2 x COM, 4 x USB 2.0, 1 x DC-Input
- 1 x USB 3.0, 1 x SIM, 1 x Mini PCIe

## ■ Specifications :

Motherboard	2I385PW+DM002	
CPU	Intel® Bay Trail E3825 / E3845 / J1900 CPU	
Chipset	Intel Bay Trail SoC	
Memory	On Board DDR3L 2 / 4GB	
Storage	mSATA	
Expansion slots	1 x Full-size Mini Card (PCIe / USB) 1 x SIM (Push-Push)	
I/O ports	Network	2 x Intel GbE (M12)
	USB	4 x USB 2.0 (2 x M12), 1 x USB 3.0
	Serial ports	2 x COM (M12)
	Display	1 x VGA (M12) , 1 x Mini HDMI
Optional Modules & Accessory	GPS, Bluetooth, WiFi, 4G LTE, DI/O, Isolated COM, *VESA Mount Kit, *DIN Rail Mounting Kit *External Power Adapter	
OS Support	Windows® 10 IOT (64bit), Windows® 8.1 (64bit), Windows® Embedded 8 Standard (64bit), Windows® 7 (32 / 64bit), Windows® Embedded Standard 7 Runtime, Ubuntu 14.10 above, Fedora 25 above, Debian 8 above, CentOS 7.3 above, Mint 18.1 above	

## ■ Mechanical

Dimensions	140W x 92D x 40.67H mm
Weight	0.56 kg
Mounting	DIN Rail Mount*, VESA Mount*

## ■ Power

DC input	+9V~36V
AC input	AC-DC External adapter 100 / 240V (optional)

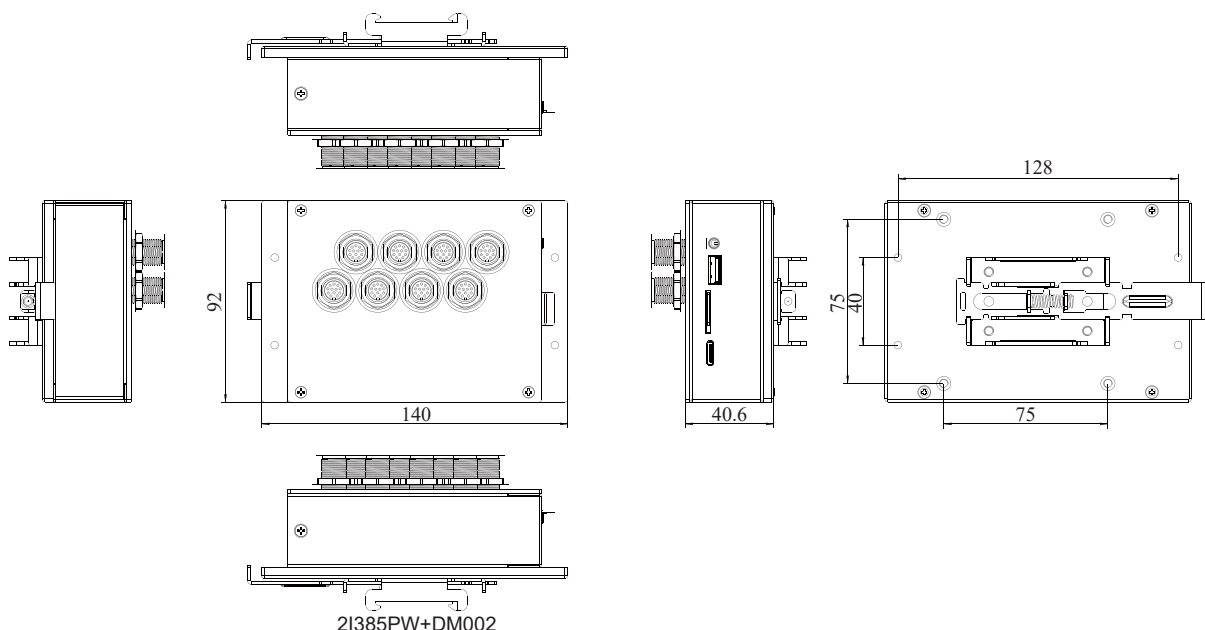
## ■ Environment

Operating Temp. (100 % CPU usage)	-20°C to +60°C with mSATA
Storage Temp.	-20°C to +70°C
Relative Humidity	95% @ 40°C, non-condensing

## ■ Certification

CE / FCC class A	
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## ■ Dimension



Specification are subject to change without prior notice. ODM / OEM is available.