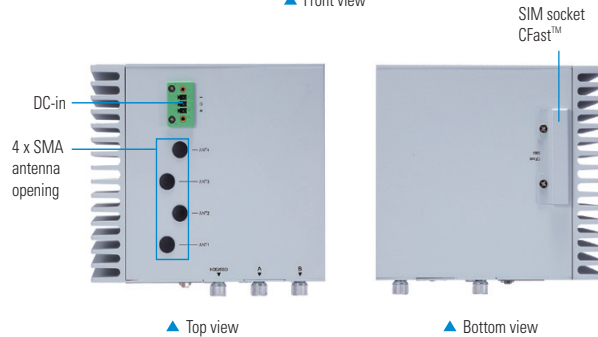
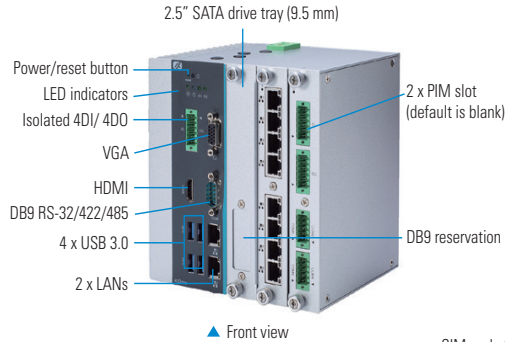


# ICO500-518 NEW

Fanless Embedded System with 7th Gen Intel® Core™ i7/i5/i3 & Celeron® Processor, and Dual Modular I/O Expansion Design

## Features

- 7th gen Intel® Core™ i7/i5/i3 & Celeron® processors (Kaby Lake-U)
- 2 PIM (Plug-in I/O Module) slots (default is blank)
- Fanless and compact design
- Wide operating temperature range from -40°C to +70°C
- 12 to 48 VDC wide range power input
- OVP, UVP, OCP, RPP power protection design
- 1 swappable 2.5" SATA drive tray



## Specifications

Standard Color	Silver
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Core™ i7-7600U 2C @ 2.8GHz Intel® Core™ i5-7300U 2C @ 2.6GHz Intel® Core™ i3-7100U 2C @ 2.4 GHz Intel® Celeron® 3965U 2C @ 2.2 GHz
System Memory	1 x DDR4-1866/2133 SO-DIMM, up to 16GB
Chipset	SoC integrated
BIOS	AMI
System I/O Outlets	Top Side: 1 x DC power input with terminal block 4 x Antenna opening Bottom Side: External SIM slot & CFast card Front Side: 1 x HDMI 2 x GbE LAN 4 x USB 3.0 1 x VGA 1 x DB9 RS-232/422/485 1 x Isolated DIO (4-in/4-out) 1 x 2.5" SATA drive tray 2 x PIM slot
Watchdog Timer	255 levels, 1 to 255 sec.
Storage	1 x Swappable 2.5" SATA drive (9.5 mm height) ** DIN-rail mounting with SSD 1 x External CFast card
Expansion Interface	2 x Full-size PCI Express Mini Card slot 1 x External SIM card slot
System Indicator	1 x LED indicator for system power 1 x LED indicator for HDD activities 2 x Programmable
Power Supply	12 to 48 VDC, OVP, UVP, OCP, RPP power protection design
Operating Temperature	-40°C to +70°C (-40°F to +158°F) -40°C to +60°C (-40°F to +140°F) with PIM200
Humidity	10% to 95%, non-condensing
Vibration Endurance (operational)	3 Grms with SSD, DIN-rail/wall mounting (5 to 500Hz, X/Y/Z direction; random)
Weight (net/gross)	TBC
Certifications	CE (Class A), FCC

Dimensions	145 mm (5.70") (W) x 125 mm (4.92") (D) x 155 mm (6.10") (H)
EOS Support	Windows® 10 Linux support package
Remote Management Software	AXView 2.0/3.0 Intelligent Remote Management Solution for IoT
Mounting	DIN-rail (standard) Wall mount (optional)

## Ordering Information

Standard	
ICO500-518-Celeron	Fanless embedded system with Intel® Celeron® 3965U 2.2 GHz processor, 4 USB 3.0, 2 RJ-45 LAN, COM, DIO (4-in/4-out), 2.5" SATA tray, HDMI, VGA
ICO500-518-i3	Fanless embedded system with Intel® Core™ i3-7100U 2.4 GHz processor, 4 USB 3.0, 2 RJ-45 LAN, COM, DIO (4-in/4-out), 2.5" SATA tray, HDMI, VGA
ICO500-518-i5	Fanless embedded system with Intel® Core™ i5-7300U 2.6GHz processor, 4 USB 3.0, 2 RJ-45 LAN, COM, DIO (4-in/4-out), 2.5" SATA tray, HDMI, VGA
ICO500-518-i7	Fanless embedded system with Intel® Core™ i7-7600U 2.8GHz processor, 4 USB 3.0, 2 RJ-45 LAN, COM, DIO (4-in/4-out), 2.5" SATA tray, HDMI, VGA

## Ordering Information

### I/O Modules

PIM100 8 x isolated, 4-wire COM  
(RS-232/422/485)



PIM101 8 x isolated CANbus 2.0 A/B



PIM200 4 x isolated, 4-wire COM  
(RS-232/422/485) &  
isolated 8-in/8-out DIO



PIM700 8 x RJ-45 Gb Ethernet

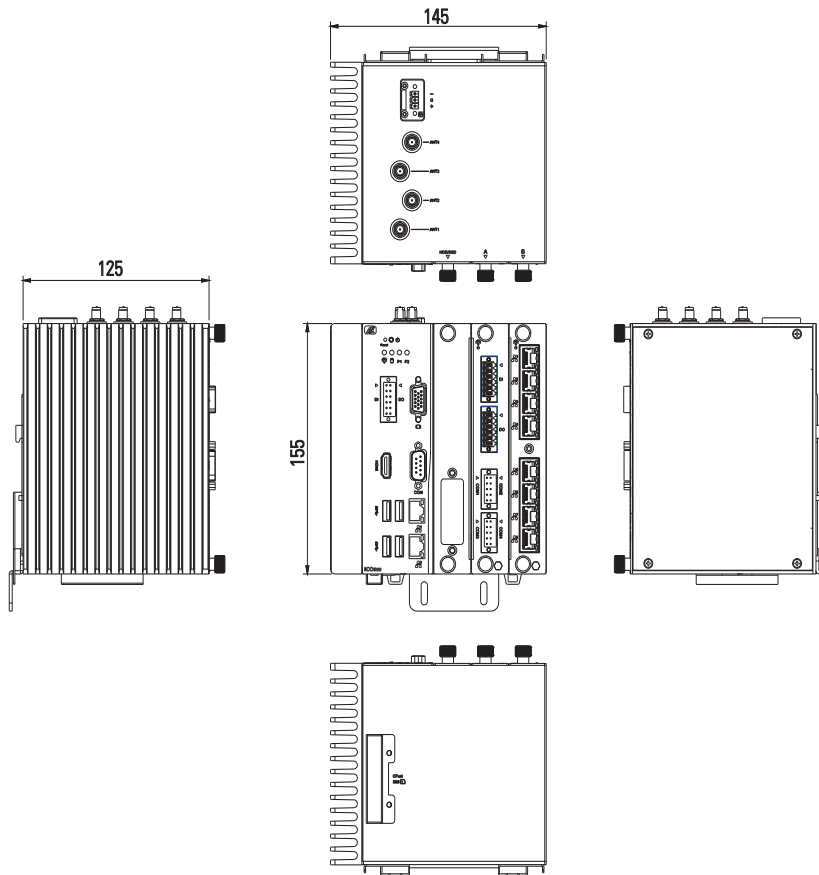


### Optional

2.5" SATA SSD	16GB or above
CFast™	16GB or above
DDR4 SO-DIMM	4GB to 16GB

\* Specifications and certifications may vary based on different requirements.

## Dimensions



\* All specifications and photos are subject to change without notice. [www.axiomtek.com](http://www.axiomtek.com) © 2019 Axiomtek Co., Ltd. All rights reserved.

DINrail  
Embedded  
Systems

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

### US

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +1 347 719 4508  
Support: +1 347 719 4508

1309 Coffeen Ave  
Ste 1200  
Sheridan  
WY 82801  
USA

### EMEA

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +44 (0)1785 879 050  
Support: +44 (0)1785 879 050

Unit A5 Douglas Park  
Stone Business Park  
Stone  
ST15 0YJ  
United Kingdom

VAT Number: 120 9546 28  
Business Registration Number: 07699660