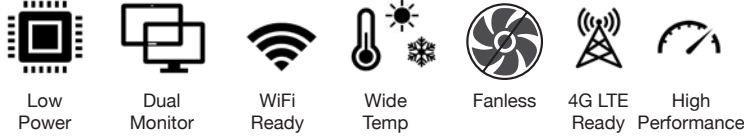


# INDUSTRIAL EMBEDDED COMPUTER IEC-500 SERIES



Fanless Embedded System with configurable Intel® Kaby Lake™ i3/i5/i7 Core™ Processor, HDMI, DisplayPort, 2 GbE LAN, 6 USB, 3 COM, WiFi & 4G LTE Ready



## SYSTEM SPECIFICATIONS

Processor	Intel® i3-7100U 2.40GHz Intel® i5-7300U 2.60GHz Intel® i7-7600U 2.80GHz				
Processor Generation	Kaby Lake™				
Processor Cores	2				
Memory	Up to 16GB DDR4 SO-DIMM				
Storage	1 • mSATA up to 1TB				
Chipset	SoC integrated				
Graphics	Intel® HD Graphics 620				
LAN Controller	Intel® I210-AT GbE LAN port Intel® I219LM GbE LAN port				
System I/O	<table border="0"> <tr> <td>Front</td> <td>2 • USB 2.0 ports 1 • Power Button 3 • RS232/422/485 ports 2 • WiFi RP-SMA connectors 2 • 4G SMA connectors</td> </tr> <tr> <td>Rear</td> <td>4 • USB 3.0 ports 2 • Gb LAN Ports 1 • HDMI port 1 • DisplayPort 1 • Locking Power connector 2 • WiFi RP-SMA connectors 2 • 4G SMA connectors</td> </tr> </table>	Front	2 • USB 2.0 ports 1 • Power Button 3 • RS232/422/485 ports 2 • WiFi RP-SMA connectors 2 • 4G SMA connectors	Rear	4 • USB 3.0 ports 2 • Gb LAN Ports 1 • HDMI port 1 • DisplayPort 1 • Locking Power connector 2 • WiFi RP-SMA connectors 2 • 4G SMA connectors
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Rear	4 • USB 3.0 ports 2 • Gb LAN Ports 1 • HDMI port 1 • DisplayPort 1 • Locking Power connector 2 • WiFi RP-SMA connectors 2 • 4G SMA connectors				
BIOS	AMI UEFI				
Watchdog Timer	256 levels, 1~255 sec.				
Expansion Interface	1 • PCIe Mini Card (full height) 1 • NANO SIM Slot				
System Indicator	1 • blue LED for system power-on (shared) 1 • red LED for SSD active (shared)				

## MECHANICAL SPECIFICATIONS

Color	Silver-Blue
Construction	Aluminum extrusion and heavy steel
Dimensions (W x H x D)	195mm x 37mm x 142mm (7.67" x 1.45" x 5.59")
Mounting	DIN rail mount / VESA mount / Wall mount

## POWER SUPPLY

Power Input	12 ~ 24VDC with protection fuse
Power Adapter	110 ~ 240 AC to 12VDC out 60W

## REGULATORY SPECIFICATIONS

Operating Temperature	-10°C ~ 60°C (14°F ~ 140°F)
EMI/EMC	CE standards applied (EN 55022 / EN 55024 / EN 55032 / EN 60950-1) FCC - Assembled using FCC certified components RoHS
Vibration	5~500Hz 1G PTP
Shock	operating: 30G (11ms), non-operating: 40G (11ms)

## FEATURES

- Configurable Intel® Kaby Lake™ i3/i5/i7 Core processor support
- High performance 260-pin DDR4 2133 SO-DIMM max. up to 16GB
- WiFi and 4G LTE Ready
- Highly reliable thermal transfer fanless technology
- 2• RS232/422/485 and 6• USB ports
- 256GB ~ 1TB mSATA supported
- Supports DisplayPort and HDMI dual display
- Wide range operating temperature supported



## ORDERING INFORMATION

Base	IEC-500 Industrial Embedded Computer, Intel® Kaby Lake™ Processor, 4- USB 3.0 Ports, 2-USB 2.0 Ports, 1- Intel® I210-AT GbE LAN Port, 1- Intel® I219LM GbE LAN, 1- HDMI Port, 1- DisplayPort. (Does not include AC Wall Adapter)
IEC-500_	

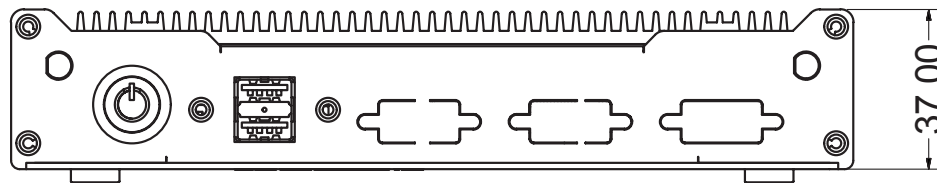
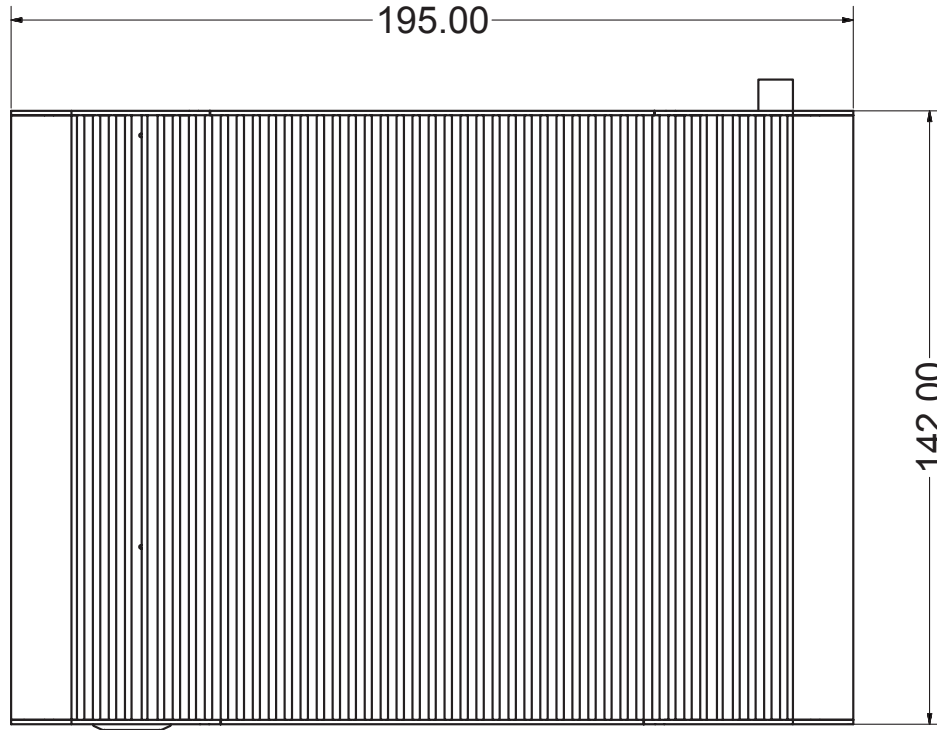
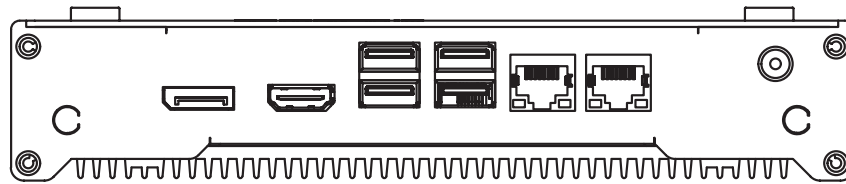
## CONFIGURABLE & ACCESSORIES

Processor	Intel® i3-7100U 2.40GHz, Intel® i5-7300U 2.60GHz, Intel® i7-7600U 2.80GHz
Power Connector	Locking Circular Barrel Power Connector, 3-Pin Terminal Block Connector with Mate
RS232/RS485 Ports	2 - RS232/485 Ports on Front Panel
mSATA SSD	256GB, 512GB, 1TB
Additional Dual Ethernet	Dual Ethernet Ports (Total of 4) 2 • Front Panel - 2 • Rear Panel
DDR4 SO-DIMM	8GB or 16GB
WiFi module	Intel® 8265 802.11ac/a/b/g/n Wi-Fi / Bluetooth M.2 Module
4G LTE module	Sierra Wireless LTE - Verizon® or AT&T® 4G M.2 Module
DIN rail kit	DIN1-KIT
Wall mount kit	6620080721
AC wall adapter	3771030341
Operating System	Windows® 10 IoT Enterprise 2016 LTSB Value (i3/i5), Windows® 10 IoT Enterprise 2019 LTSC Value (i3/i5), Windows® 10 Professional 64bit, Ubuntu® Desktop 16.04 LTS 64bit

## WARRANTY

Standard Warranty	2 Year Warranty
Extended Warranty	TotalCare Protection 3 or 5 Year Extended
Expected Life Cycle	7 Years

DIMENSIONS



Measurements shown in mm. All dimensions are  $\pm 0.5\text{mm}$