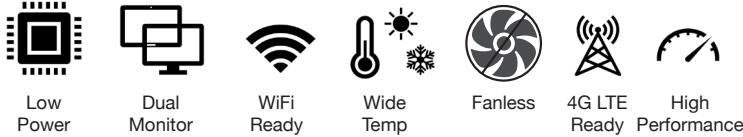


INDUSTRIAL EMBEDDED COMPUTER IEC-505 SERIES



Fanless Embedded System with configurable Intel® Kaby Lake™ i3/i5/i7 Core™ Processor, Hot-swappable 2.5" SATA Drive, 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 1 • 2.5" SATA SSD	
Chipset	SoC integrated	
Graphics	Intel® HD Graphics 620	
LAN Controller	Intel® I210-AT GbE LAN port Intel® I219LM GbE LAN port	
System I/O	Front	2 • USB 2.0 ports 1 • Power Button 2 • RS232/422/485 ports 1 • Hot-swappable external 2.5" 3.0 SATA drive bay
	Rear	4 • USB 3.0 ports 2 • Gb LAN Ports 1 • HDMI port 1 • DisplayPort 1 • 3-Pin Terminal Block 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 gauge chassis
Dimensions (W x H x D)	188.8mm x 55mm x 168mm (7.43" x 2.17" x 6.61")
Mounting	DIN rail 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
- 1 • Hot-swappable external 2.5" 3.0 SATA drive bay
- Supports DisplayPort and HDMI dual display
- Wide range operating temperature supported

ORDERING INFORMATION

Base	IEC-505 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, 3-Pin Terminal Block Connector with Mate. (Does not include AC Wall Adapter)
IEC-505_-	

CONFIGURABLE & ACCESSORIES

Processor	Intel® i3-7100U 2.40GHz, Intel® i5-7300U 2.60GHz, Intel® i7-7600U 2.80GHz
RS232/RS485 Ports	2 - RS232/485 Ports on Front Panel
mSATA SSD	256GB, 512GB, 1TB
1 • 2.5" SATA SSD	250GB, 500GB, 1TB, 2TB, 4TB
Hot-Swappable	
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 2019 LTSC Value (i3/i5), Windows® 10 Professional 64bit, Ubuntu® Desktop 16.04 LTS 64bit

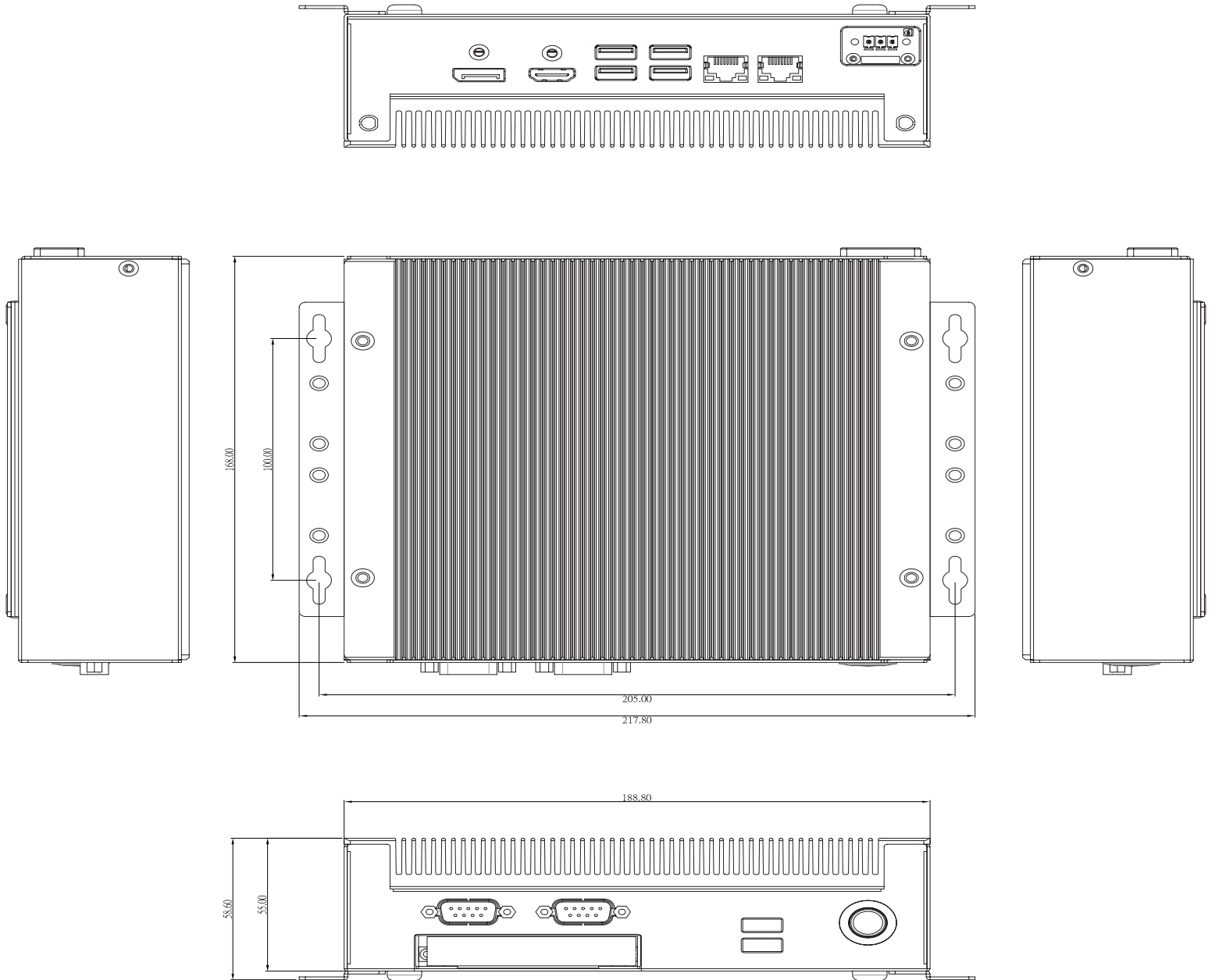
WARRANTY

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

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DIMENSIONS



Measurements shown in mm. All dimensions are ± 0.5 mm