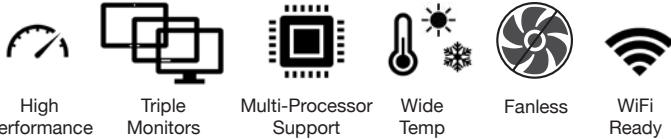


INDUSTRIAL EMBEDDED COMPUTER IEC-700 SERIES



Industrial Embedded Computer with Intel® Core™ i5/i7 Coffee Lake™ Processor via socket 1151, Q370 Chipset, Supports: 4 Port PoE, 1 32bit Digital I/O, 2 DisplayPorts, 1 HDMI, 2 GbE LAN, 2 RS232/422/485, 2 RS232, 4 USB 3.1 Gen2, 4 USB 3.1 Gen1, 2 USB 2.0, WiFi Ready



SYSTEM SPECIFICATIONS

Processor	Intel® Coffee Lake-S i5-8500T 3.5GHz Intel® Coffee Lake-S i7-8700T 4.0GHz Intel® Coffee Lake i5-9500T 3.70GHz Intel® Coffee Lake i7-9700T 4.30GHz
Processor Generation	Coffee Lake™
Processor Cores	6 • i5-8500T 6 • i7-8700T 6 • i5-9500T 8 • i7-9700T
Memory	Up to 32GB DDR3L SO-DIMM
Storage	1 • M.2 SSD 2 • Hot-swappable external 2.5" 3.0 SATA drive bay
Chipset	C370
Graphics	Intel® HD Graphics
LAN Controller	Intel® I219-LM GbE LAN port-PHY Intel® I210-AT GbE LAN
System I/O	Front 1 • Power Button 2 • 2 USB 2.0 ports 2 • Hot-swappable external 2.5" 3.0 SATA drive bay Back 2 • RS232/422/485 ports 2 • RS232 ports 2 • DisplayPort 1 • HDMI 4 • USB 3,1 Gen2 ports 4 • USB 3.1 Gen1 ports 2 • Gb LAN Ports 1 • Line-in 1 • Line-out 1 • Mic 1 • Power Connector 1 • 32bit Digital I/O Connector (optional) 1 • PCI Express slot for 4 GbE Port Isolated PoE Module (optional)
BIOS	AMI
Watchdog Timer	256 levels, 1~255 sec.
Expansion Interface	1 • PCIe Mini Card (full height) 1 • M.2
System Indicator	1 • blue LED for system power-on 1 • blue LED for SSD active (shared)

MECHANICAL SPECIFICATIONS

Color	Blue & Silver
Construction	Aluminum alloy with heavy steel
Dimensions (W x H x D)	242.8mm x 267.6mm x 140mm (9.55" x 10.53" x 5.51")
Mounting	Wall mount (optional)

FEATURES

- Intel® i5/i7 Hexa-Core 3.5GHz-4.0GHz High-Performance Processor
- 260-pin DDR4 2133MHz/2400MHz SO-DIMM max. up to 32GB
- 2 • Hot-swappable 2.5" SATA 3.0 ports (RAID Support)
- 2 • RS232, 2 • RS232/422/485, 4 • 3.1 USB Gen2 ports, 4 • 3.1 USB Gen1 ports, and 2 • 2.0 USB ports
- 1 • PCIe x 16, 1 • M.2, 1 • PCIe Mini Card (full height)
- 1 • 32bit Isolated Digital I/O Module (optional)
- 1 • 4 GbE Port Isolated PoE Module (optional)
- Supports: 1 • HDMI, 2 • DisplayPorts, triple displays
- Wide range operating temperature supported
- Wide Range Integrated 9~30VDC input with Ignition Switch with Shutdown Timer



POWER SUPPLY

Power Supply	Integrated 9~30VDC input with Ignition Switch with Shutdown Timer
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REGULATORY SPECIFICATIONS

Operating Temperature	-0°C ~ 60°C (32°F ~ 140°F)
EMI/EMC	CE standards applied (EN 55022 / EN 55024 / EN 55032) FCC - Assembled using FCC certified components RoHS
Vibration	Operating: 1G 5-500Hz, 3 Axes according to IEC60068-2-64

ORDERING INFORMATION

Base	IEC-700 Industrial Embedded Computer, Supports 8th / 9th Gen Intel® Coffee Lake™ Processor, Intel® Q370 Chipset, 1- Power button, 4- USB 3.1 Gen1, 4- USB 3.1 Gen2 Ports, 2- USB 2.0 Ports (Front), 1- Intel I210-AT GbE LAN Port, 1- Intel I219LM GbE LAN, 2- DP Port, 1- HDMI, 2- RS232/422/485 Ports, 2- RS232, 1- Audio Jack: (Line-In) (Line-Out) (Mic-In), 1- PCIe x16, 1- Mini-PCIe (Full size), 1- M.2, (Does not include AC Wall Adapter)
IEC-700_	

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CONFIGURABLE & ACCESSORIES

Processor	Intel® i5-8500T 3.5GHz, Intel® i7-8700T 4.0GHz, Intel® i5-9500T 3.7GHz, Intel® i7-9700T 4.3GHz
AC Wall Adapter	3798030351
Wall Mount Kit	6650227321
PoE Module	4 GbE Port Isolated PoE Module
Digital I/O	32bit Digital I/O Module: 4Ports (each port 8bit)
1 • M.2 SSD	250GB, 500GB, 1TB, 2TB
2 • 2.5" SATA SSD	250GB, 500GB, 1TB, 2TB, 4TB
DDR4 SO-DIMM	8GB, 16GB, 32GB
WiFi module	Intel® 8265 802.11ac/a/b/g/n Wi-Fi / Bluetooth M.2 Module
Operating System	Windows® 10 IoT Enterprise 2016 LTSC Value (i3/i5), Windows 10 IoT Enterprise 2016 LTSC High End (i7/Xeon), Windows® 10 IoT Enterprise 2019 LTSC Value (i3/i5), Windows® 10 IoT Enterprise 2019 LTSC High End (i7/Xeon), Windows® 10 Professional 64bit, Windows® Embedded Server 2016 64 bit 4 Core, Ubuntu® Desktop 16.04 LTS 64bit, Ubuntu® Server 16.04 LTS 64bit, Ubuntu® Desktop 18.04 LTS 64bit, Ubuntu® Server 18.04 LTS 64bit

WARRANTY

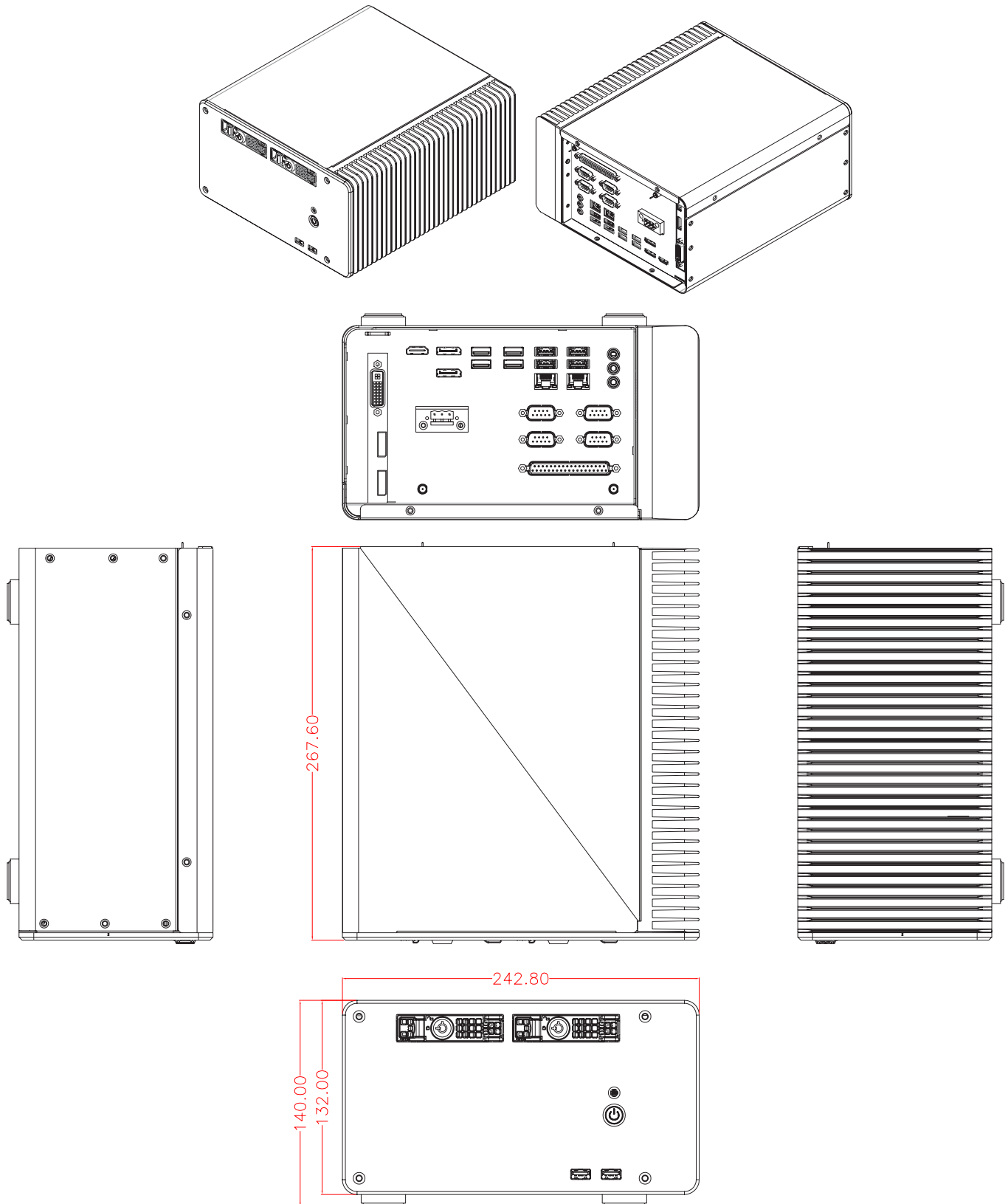
Standard Warranty	2 Year Warranty
Extended Warranty	TotalCare Protection 3 or 5 Year Extended
Expected Life Cycle	5 Years

Measurements shown in mm. All dimensions are ± 0.5mm

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DIMENSIONS



Measurements shown in mm. All dimensions are ± 0.5 mm