

INDUSTRIAL EMBEDDED COMPUTER IEC-200 SERIES



Fanless Embedded System with Intel® Bay Trail™ N2930 1.83GHz Processor, HDMI, VGA, 2 GbE LAN, 4 USB, 3 COM, WiFi Ready



SYSTEM SPECIFICATIONS

Processor	Intel® N2930 1.83GHz
Processor Generation	Bay Trail™
Processor Cores	4
Memory	Up to 8GB DDR3L SO-DIMM
Storage	1 • 2.5" SATA SSD drive bay 1 • mSATA
Chipset	SoC integrated
Graphics	Intel® Gen7 Graphics DX11, OGL3.2
LAN Controller	Realtek® RTL8111G-CG
System I/O	Front 2 • USB 2.0 ports 1 • Power Button 2 • RS232 ports 1 • RS232/422/485 ports 2 • WiFi RP-SMA connectors Rear 2 • USB 3.0 ports 2 • Gb LAN Ports 1 • HDMI port 1 • VGA port 1 • Audio jack (line-out) 1 • Locking Power connector 2 • WiFi RP-SMA connectors
BIOS	AMI UEFI
Watchdog Timer	256 levels, 1~255 sec.
Expansion Interface	1 • PCIe Mini Card (half height) 1 • PCIe Mini Card (full height)
System Indicator	1 • blue LED for system power-on (shared) 1 • blue 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	0°C ~ 60°C
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), crash: 50G (11ms)

FEATURES

- Intel® Bay Trail™ N2930 1.83Ghz Quad Core Processor
- High performance 204-pin DDR3L 1333 SO-DIMM max. up to 8GB
- WiFi Ready
- Highly reliable thermal transfer fanless technology
- 3 • RS232/422/485 and 4 • USB ports
- One 2.5" SATA drive bay and mSATA supported
- 2 • PCI Express Mini Card slots
- Supports VGA and HDMI dual display
- Wide range operating temperature supported



ORDERING INFORMATION

Base	IEC-200 Industrial Embedded Computer, Intel® Bay Trail™, Quad Core 1.91GHz E3845 Processor, 2- USB 3.0 Ports, 2- USB 2.0 Ports, 2- Realtek® RTL8111G-CG GbE LAN Ports, 1- HDMI Port, 1- VGA Port, 1- Audio Jack (Line-In) (Does not include AC Wall Adapter)
IEC-200S-10-	
IEC-200S-20-	IEC-200 Industrial Embedded Computer, Intel® Bay Trail™, Quad Core 1.91GHz E3845 Processor, 2- USB 3.0 Ports, 2- USB 2.0 Ports, 2- Realtek® RTL8111G-CG GbE LAN Ports, 1- HDMI Port, 1- VGA Port, 1- Audio Jack (Line-In) (Does not include AC Wall Adapter)

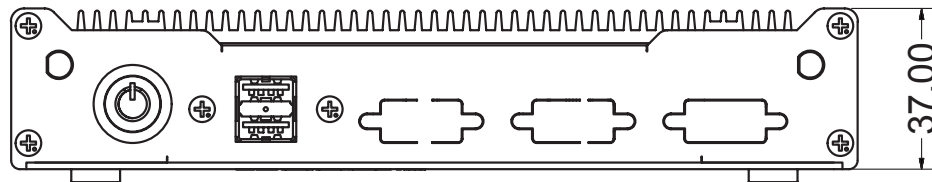
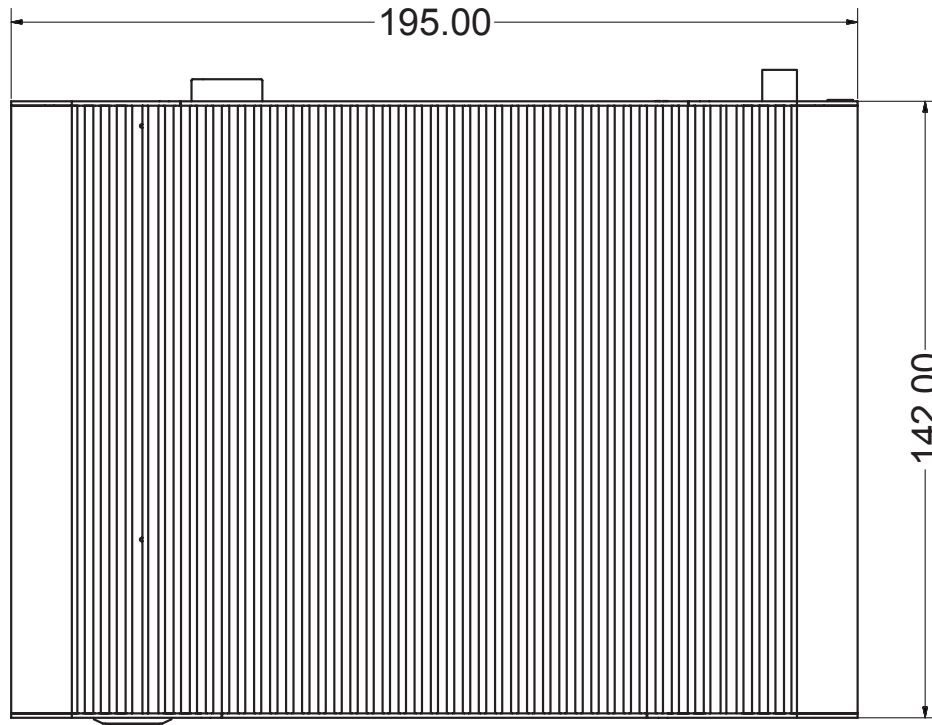
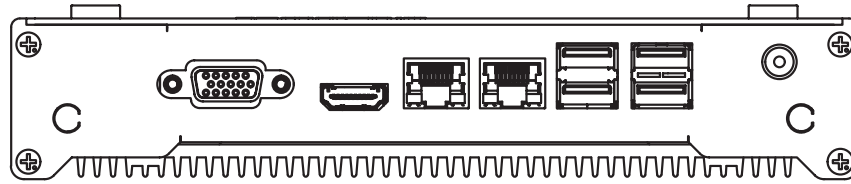
OPTIONAL

2.5" SATA SSD	250GB, 500GB, 1TB
DDR3L SO-DIMM	4GB or 8GB
WiFi module	Intel® 8265 802.11ac/a/b/g/n Wi-Fi / Bluetooth M.2 Module
VESA mount kit	VESA1-KIT
DIN rail kit	DIN1-KIT
Wall mount kit	6620080721
AC wall adapter	3721030241
Operating System	Windows® Embedded Standard 7 32bit, Windows® Embedded Standard 7 64bit, Windows® 10 IoT Enterprise 2016 LTSC Entry (Atom), Windows® 10 IoT Enterprise 2019 LTSC Entry (Atom), 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 $\pm 0.5\text{mm}$