

IB70SB7-101

Intel® Celeron® N2930 Fanless Box PC



KEY FEATURES

- Intel® Celeron® Bay Trail-M N2930, 1.83 GHz, Fanless Box PC
- Flexible storage devices, One 2.5-inch HDD and One Mini PCIe SSD
- Multiple I/Os, Three Serial Ports and Six USB Ports (1 x USB 3.0)
- Supports +12V DC-IN Power input

INTRODUCTION

Winmate's Fanless Box PC is a reliable and efficient computing solution designed for AI-enabled kiosks and self-service applications in retail, healthcare, and industrial environments. Powered by an Intel® Celeron® Bay Trail-M N2930 processor, it supports flexible storage options, multiple I/Os, and +12V DC-IN power input. With a fanless design for silent, dust-resistant operation, it ensures durability and real-time monitoring capabilities, making it ideal for kiosks, automation, and IoT applications.

SPECIFICATIONS

System Specification

Processor	Intel Celeron N2930 1.83GHz (up to 2.16GHz)	Memory	2 x SO-DIMM, DDR3L 1600 MHz, 4GB (Default) 8GB (Optional)
Storage	1 x mSATA SSD 128GB (Default) 256GB (Optional) 512GB (Optional) 1 x SATA III for 2.5" SSD/HDD (Optional)	Ethernet controller	2 x Intel® Ethernet Controller
Operating System	Windows 7 Embedded Systems (Optional) Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 20.04 (Optional)	WLAN	Support (Optional)
BT	Support (Optional)		

Mechanical

Dimension	264 x 57x 192 mm	Weight	1.8 kg
Mounting	Desk Mount	Enclosure	Metal Housing
Cooling System	Fanless design		

Environment

Operating Humidity	10% to 90% RH, Non-Condensing	Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to 60°C		

Certification

Certification	CE, FCC
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IO Ports

Power Input	1 x 12V DC, Din4 pin connector	USB Port	Front side: 2 x USB2.0 (Type-A)
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Serial Port	1 x RS232/422/485 (Default RS232)	Video	Rear side:
	2 x RS232 (Default)		1 x USB3.2 Gen1x1 (Type-A)
Audio	1 x RS232 (Optional)		3 x USB2.0 (Type-A)
	Mic in	Expansion Port	1 x VGA (Default)
LAN	Line in		1 x DVI (Optional)
	Line out	Indicator	1 x mPCIe slot(for SSD)
PS/2	2 x Giga LAN RJ45 Connector		1 x mPCIe slot(for Wi-Fi module)
	2 x PS/2		1 x LED Indicator for power
			1 x LED Indicator for storage

Control

Button	1 x Power Button
	1 x Reset Button

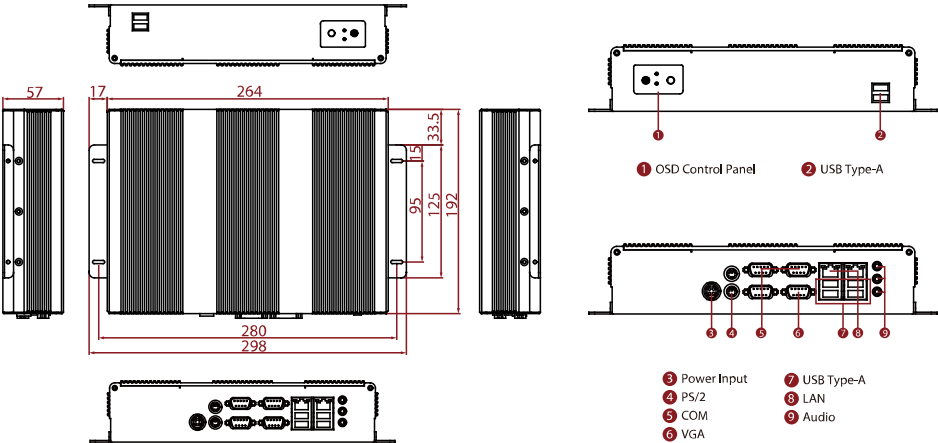
Accessory

Accessory	100~240V AC to DC Adapter
	Power Cord

Power

Power Rating	12V DC (Lockable Power Jack)	Adapter	12V 84W
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DIMENSIONS UNIT:MM



- NOTE**
1. This is a simplified drawing and some components are not marked in detail.
 2. Please contact our sales representative if you need further product information.
 3. All specifications are subject to change without prior notice.
 4. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.