

R15IB3S-MLA3HB

15" Intel® Celeron® N2930 G-WIN Defence Panel PC



CE

FC

KEY FEATURES

- Build in ambient Light sensor
- High Quality 15" Panel, 1024x768 resolution, 1000 nits
- 5 Wire Resistive Touchscreen(Optional) / Anti-Reflection Protection Glass
- 802.11 a/b/g/n Wireless LAN with Antenna (Optional)
- Aluminum Housing with Anti-Corrosion Treatments
- Anti-Shock and Vibration Standard according to MIL-STD-810F/G & IEC60068-2-27
- Fanless Design
- Full IP65 Dust/water resistant Protection (Except I/O parts)
- Defence grade power connector
- Ultra Low Power and High Performance Intel® Bay Trail N2930 1.83 GHz
- Wide Range 9 to 36 V DC Input (Optional)

INTRODUCTION

Winmate G-WIN Defense Panel PC Series is designed for demanding military and defense applications, offering sizes from 8.4" to 15" with robust features and reliable performance. Built with defense-grade power connectors, aluminum housing with anti-corrosion treatment, and full IP65 water and dust resistance, these PCs withstand harsh environments. Featuring sunlight-readable displays, fanless design, and compliance with MIL-STD-810F/G standards, they are ideal for mission-critical operations. Optional wireless LAN, resistive touchscreens, and wide voltage input enhance versatility and connectivity.

SPECIFICATIONS

Display

Resolution	1024x768	Size	15.0 inches
Contrast Ratio	2500:1	Panel Brightness	1000.0 nits
View Angles	88,88,88,88	Active Area	304.1x228.1 mm
Touch / Glass	AR Protection Glass 5 Wires Resistive Touch (Optional) 5 Wire Resistive with EMI Mesh Filter (Optional) EMI Glass (Optional)		

System Specification

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

Environment

Operating Humidity	10% to 95% RH	Operating Temperature	-20°C~60°C
Storage Temperature	-30°C~70°C	Shock	Operating:30g for 18ms
Vibration	Operating: 1.60/1.96/2.18 g rms for XYZ / 5-500Hz		

Compliance

MIL-STD 461E/F/G	RE101 / RE102 CE101 / CE102 CS118 with EMI Glass / Touch(Optional) RS101 / RS 103 CS101 / CS 106 / CS 109 / CS 114 / CS 115 / CS 116	MIL-STD 810G/H	Vibration Method 514.6 Humidity Method 507.5 Transit Drop Method516.6
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Certification

Certification	CE, FCC
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IO Ports

USB Port	1 x USB2.0 1 x USB3.0	Serial Port	1 x RS-232(Default)/422/485 1 x RS-232 (Optional)
Video	1 x HDMI (Optional)	LAN	2 x RJ45

Mechanical

Dimension	398 x 308 x 58 mm	Mounting	VESA Mount
Enclosure	Metal Housing with Aluminum Bezel	Cooling System	Fanless Design

Accessory

Accessory	User Manual Driver CD and User Manual Touch Driver CD Open Wire Cable 100~240V AC to DC Adapter Power Cord
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Power

Power Rating	12V DC (MIL-DTL-38999/1 connector) 9V to 36V wide range (Optional)
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Control

Button	8 key: Power Reset Lock/Unlock Auto Dimming/Manually Day/Night Mode Brightness Up Brightness Down LED Adjustment
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DIMENSIONS UNIT:MM

NOTE

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