

MIT-W101

10" Industrial Tablet PC with Intel® Celeron® Processor



Features

- Intel® Celeron® N2930 Quad Core processor
- Supports Windows 8 Operating System
- 10.1" WXGA, Projective Capacitive Multi Touch Display
- 10°C to 50°C (14°F to 122°F), IP65, MIL-STD 810G / 4ft drop compliant
- Compact/Slim design: 20mm/0.79inch height
- Seamless communications, including Wi-Fi, BT, NFC (optional)
- Warm swappable battery
- Optional integrated 1D/2D barcode scanner and expansion module (MSR+SMC)
- Optional Class I Division 2, groups ABCD certified model
- Optional accessories include: 6ft drop rugged bumper, docking station, hand strap, and multi-function cover

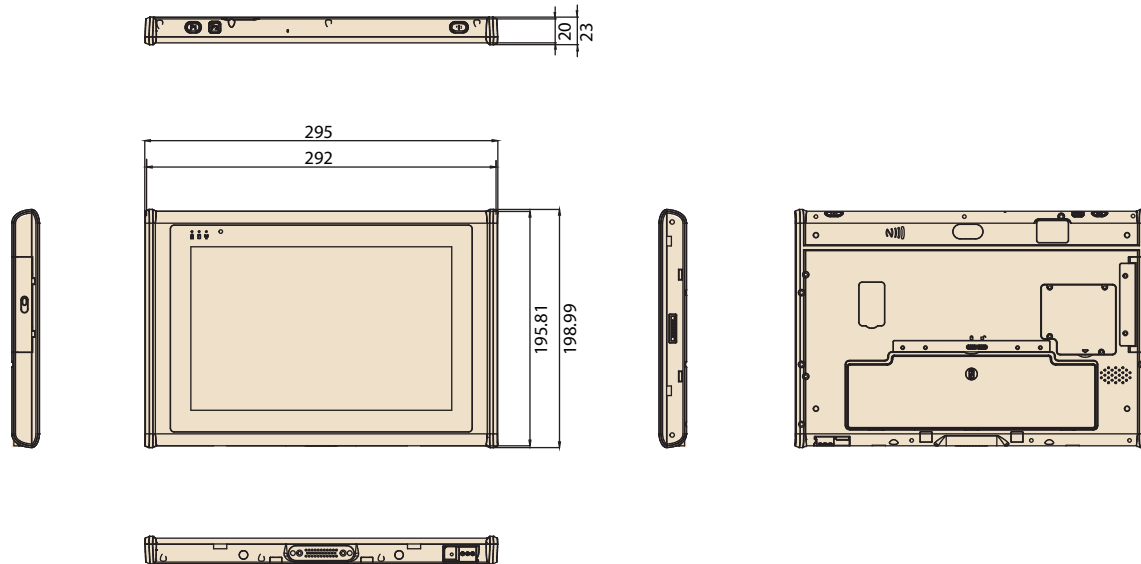


Specifications

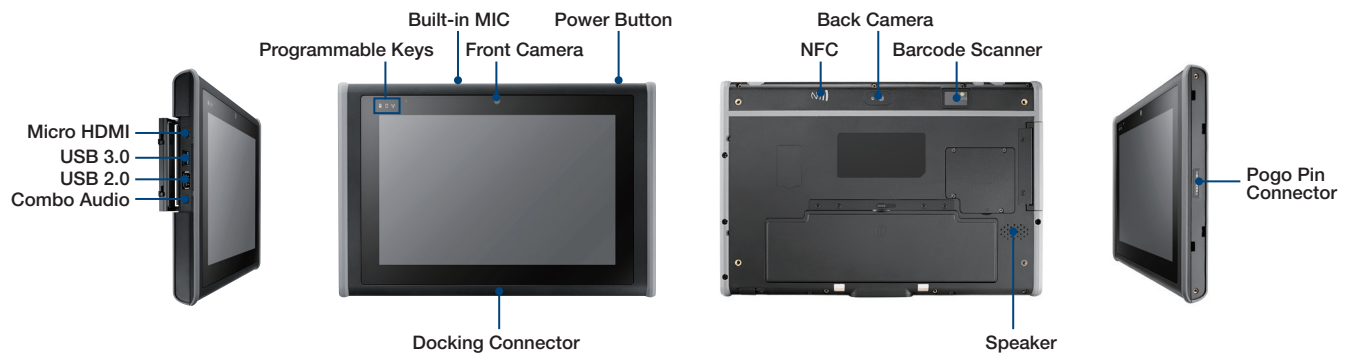
Computing System	CPU	Intel® Celeron® Processor N2930
	Max. Speed	Quad Core 1.83GHz
	Memory	DDR3L 1600MHz SODIMM (Default 4GB / Up to 8GB)
	Operating System	Microsoft Windows Embedded 8 (Default), Microsoft Windows Embedded 7 (Optional)
Storage	SSD	1 x mSATA SSD (Default 64GB / supports up to 128GB)
	Display Type	10.1" TFT LCD Panel
Display	Max. Resolution	1280 x 800
	Touch Type	Projected Capacitive Multi-Touch
	Glass Type	Enhanced Glass
	WIFI	Wireless IEEE 802.11a/b/g/n
Communication	Bluetooth	Bluetooth v4.0 CLASS II
	NFC	Read/Write Device Compatible With ISO15693, ISO14443A, ISO14443B, Felica (Optional)
	Audio	Internal speaker x 1, Internal Mono Microphone x 1
Connectivity	I/O Port Interfaces	Combo Audio x1, USB 3.0 x1, USB 2.0 x1, Micro HDMI x1, DC Jack x1, Expansion Port x1, Docking Port x1
	Embedded I/O Devices	2.0M Fixed Focus Camera At Front
		5.0M Auto Focus Camera With LED Flash At Rear 2D Barcode Scanner (Optional)
Expansion Module		MSR + Smart Card Reader (Optional)
Control Buttons		Power Button Programmable Button x2
System Indicators		Power / Battery Status x1, HDD x1, Wireless/BT x1
Ingress Protection	Water / Dust Resistance	IP-65 compliant (IEC 60529)
Power Supply	AC Adapter In	100 – 240 V ~ 1.5A 50/60 Hz
	AC Adapter Out	19 V, 3.4 A Max, 65 W
	Battery Capacity	Main Battery: 31.7 Whrs (11.1V 2860mAh) Extended Battery: 49 Whrs (11.1V 4540mAh) (Optional) (UN 38.3, UL 2054, IEC / EN 62133 edition 2 certified)
Environment	Temperature	Operating: -10°C ~ +50°C, 14°F to 122°F Storage: -30°C ~ +70°C, -22°F to 158°F (refer to IEC 60068-2-1 / IEC 60068-2-2 / IEC 60068-2-78)
	Humidity	Operating: 5% ~ 95% @ 40°C/104°F non-condensing, Storage: 5% ~ 95% @ 40°C/104°F non-condensing (refer to IEC 60068-2-1 / IEC 60068-2-2 / IEC 60068-2-78)
	Vibration	Operation: (5-500GHz) 1G (refer to IEC 60068-2-64) Non-operating: (5-500GHz) 4.4mm – 2G (refer to : IEC60068-2-6)
	Shock Resistance	Operating: 20 G, 11 ms (refer to : IEC 60068-2-27) Shipping Package : 1 ~ 200 Hz, 1.15G (refer to ISTA 2A)
	Handling Drop	4ft drop onto steel plate, 4ft drop onto 2inch plywood over concrete (MIL-STD 810G compliant) 6ft drop with add-on bumper
	Dimensions (W x H x D)	292 x 196 x 20 mm/ 11.5 x 7.7 x 0.79 in
Physical Characteristics	Weight	1.1 kg/ 2.4 lb (Base Configuration)
	Color	Black
Regulatory Approvals		Emissions & Immunity : EN 55011:2009+A1:2010, Group 1 Class B, EN 55022:2010/AC:2011, Class B, EN 61000-6-3:2007+A1:2011/AC:2012, EN 61000-3-2:2014, Class D, EN 61000-3-3:2013, EN 55024:2010, EN 61000-6-1:2007, FCC CFR47 PART15 SUBPART B, ICES-003 Issue 5 : 2012 ANSI C63.4-2009, ETSI EN 301489-1 V1.92 2011-09, ETSI EN 301489-17 V2.2.1 2012-09, ETSI EN 300328 V1.8.1:2012, ETSI EN 301893 V1.7.1:2012, FCC PART 15 SUBPART C ANSI C63.10:2013, FCC PART 15 SUBPART E ANSI C63.10:2013 Safety : CB Scheme, IEC / EN 60950-1, UL 60950-1, 2nd Edition, ANSI / ISA 12.12.01-2015– Optional Class I Division 2, groups ABCD certified model

Dimensions

Unit: mm



Front/Rear/Side View



Ordering Information

Part Number	Description
MIT-W101-Q04DNB00E	N2930/ 4GDDR/ 64GSSD/ WiFi/ BT/ NFC/ Black/ WES8
MIT-W101-Q04DNBF2E	N2930/ 4GDDR/ 64GSSD/ WiFi/ BT/ NFC/ Barcode/ Black/ WES8

Peripheral Ordering Information

Part Number	Description
170203180A	Power Cord 3P UK 2.5A/ 3A 250V 1.83M
170203183C	Power Cord 3P Europe (WS-010+WS-083) 1.83M
1700001524	Power Cord 3P UL 10A 125V 1.8M

MIT-W101

MIT-W101 Series Accessories (Industrial)

Docking Station



Expansion Module



Extended Battery Pack



Rugged Bumper



Order P/N	MIT-W101-ACCDS000E	MIT-W101-ACCEM000E	1760002237-01	MIT-W101-ACCBH000E
Color	Black	Black	Black	Black
Dimensions	260.8 x 185 x 103.8 mm	193 x 17 x 5.3 mm	210 x 64 x 15 mm	220 x 47 x 30 mm (1 pc)
Weight	1 Kg (2.2 lb)	85 g (0.19 lb)	320 g (0.7 lb)	172 g (0.38 lb)
Remark	Power input: 19V/ 3.4A	MSR & Smart Card Reader	11.1V/ 4540 mAh	Rugged bumper set with hand strap

Multi-function Cover



X-Type Hand Strap



Shoulder Strap



Stylus Pen w/Tether Cord



Order P/N	MIT-W101-ACCVB000E	9680015881	9680015882	9680015747
Color	Silver + Black	Black	Black	Black
Dimensions	276.6 x 175.5 x 9 mm	280 x 165 mm	147 cm ± 5 cm	120 x 7 mm ± 5mm
Weight	210 g (0.46 lb)	70 g (0.15 lb)	110 g (0.24 lb)	25 g (0.05 lb)
Remark	VESA mount (75 x 75 mm)	M4 x 8 mm screws included	M4 x 8 mm screws included	Tether with rugged bumper

I/O Ports

Docking Station

Front



- 1. Battery Bay Status LED
- 2. Detection LED
- 3. Earphone Jack
- 4. Microphone Jack
- 5. USB 2.0 Port
- 6. Lock Mechanism

Rear



- 7. Battery Charging Bay
- 8. COM Port
- 9. VGA Port
- 10. USB 2.0 Port
- 11. LAN Port
- 12. Power Jack

For sales inquiries or further information, please contact us: Mobile@advantech.com.tw