

Product Change Notification

Document No. **PCN-A-1070622** **Revision** **1.0**

PCN TOPIC: New release of M133W product with Intel® 5th Gen. Core i5-5250U (Broadwell).

INTRODUCTION: This is the notification for customers that Winmate will release a new M133W with an Intel® 5th Gen. Core i5-5250U (Broadwell).

DETAILS:

Winmate releases a new M133W product with Intel® 5th Gen. Core i5-5250U (Broadwell) to replace M133W (Broadwell, Intel® i5-5200U). Core i5-5200U and Core i5-5250U are pin to pin design.

Refer to the comparison table for more details.

Comparison Table:

	<u>Intel Core i5-5250U @ 1.60GHz</u>	<u>Intel Core i5-5200U @ 2.20GHz</u>
Socket Type	FCBGA1168	FCBGA1168
CPU Class	Laptop	Laptop
Clock speed	1.6 GHz	2.2 GHz
Turbo Speed	Up to 2.7 GHz	Up to 2.7 GHz
# of Physical Cores	2 (2 logical cores per physical)	2 (2 logical cores per physical)
Max TDP	15W	15W
Single Thread Rating	1431	1403
CPU Mark	3598	3492

	M133W	M133W
CPU	Intel® Core™ i5-5200U	Intel® Core™ i5-5250U
System Memory	4GB SODIMM DDR3L-1600 (up to 16GB)	4GB SODIMM DDR3L-1600 (up to 16GB)
Storage	1 x 128GB M.2 MLC SSD (up to 1TB with 2 x SSD) - 2 x Internal M.2 slots	1 x 128GB M.2 MLC SSD (up to 1TB with 2 x SSD) - 2 x Internal M.2 slots
Display Specification	Size / Technology 13.3-inch Resolution 1920 x 1080 Brightness 350 Nits With Optical Bonding Touch Multi-touch Projected Capacitive with Glove/Rain/Stylus Modes, Active Pen Support Contrast Ratio 800:1 Viewing Angle 85/85/85/85	Size / Technology 13.3-inch Resolution 1920 x 1080 Brightness 350 Nits With Optical Bonding Touch Multi-touch Projected Capacitive with Glove/Rain/Stylus Modes, Active Pen Support Contrast Ratio 800:1 Viewing Angle 85/85/85/85

APPROVE: MD: EE: TE: PE:

External I/O	1 x HDMI, 1 x RJ45-10/100/1000 Mbps LAN, 1 x Serial Com Port, 2 x USB 3.0, 2 x USB 2.0, 1 x Headphone Combo, 1 x Power (DC in), 1 x Docking Connector, 1 x SD Card Slot, 1 x Service Windows (access to 2 x M.2 SSD cards, 1 x mini PCI-e WWAN card), 1 x Optional Expansion Window (Smart Card Reader/Barcode)	1 x HDMI, 1 x RJ45-10/100/1000 Mbps LAN, 1 x Serial Com Port, 2 x USB 3.0, 2 x USB 2.0, 1 x Headphone Combo, 1 x Power (DC in), 1 x Docking Connector, 1 x SD Card Slot, 1 x Service Windows (access to 2 x M.2 SSD cards, 1 x mini PCI-e WWAN card), 1 x Optional Expansion Window (Smart Card Reader/Barcode)
Power Management	Power Input 12 to 19V Battery 7.4V, 10280 mAh (typ.) Li-Polymer Battery (2S2P) Optional Hot-Swappable Battery Operating Time 11 Hours (BAPCo TabletMark v3) Adapter 100-240V, 50-60Hz, 19V DC	Power Input 12 to 19V Battery 7.4V, 10280 mAh (typ.) Li-Polymer Battery (2S2P) Optional Hot-Swappable Battery Operating Time 11 Hours (BAPCo TabletMark v3) Adapter 100-240V, 50-60Hz, 19V DC
Support OS	Windows 10 IoT Enterprise Windows Embedded 8.1 Industry Pro 64-bit Windows Embedded Standard 7 (WS7P) 64-bit Windows 7 Pro for Embedded Systems 64-bit	Windows 10 IoT Enterprise Windows Embedded 8.1 Industry Pro 64-bit Windows Embedded Standard 7 (WS7P) 64-bit Windows 7 Pro for Embedded Systems 64-bit

AFFECTED PRODUCTS:

Models listed below.

M133W Series

RELEASE DATE: Jun. 22th, 2018

LAST TIME BUY: No LTB Applicable.

ISSUED BY: Catway Yang

**Will be take effective from Jun. 22th of 2018*

APPROVE:  MD: EE: TE: PE: