

Product Change Notification

Document No. **PCN-A-1070616** **Revision** **1.0**

PCN TOPIC: Winmate releases new M-Series product, IKWW, with Intel® 7th Gen. Core i5-7200U (Kaby Lake) to replace M-Series, IHWW (Broadwell, Intel® i5-5200U).

INTRODUCTION: This is the notification for customers that Winmate releases new M-Series IKWW to replace IHWW.

DETAILS: Winmate releases new M-Series IKWW to replace IHWW of the following products.

Refer to the comparison table for more details.

Comparison Table:

	Intel® 7 th Gen. Core 7200U	Intel® 5 th Gen. Core I5-5200U
PASSMARK Score	4,641	3,491
Processor Base Frequency	2.5GHz	2.2 GHz
Max Turbo Frequency	3.1GHz	2.7 GHz

	IKWW	IHWW
CPU	Intel® Core™ i5-7200U	Intel® Core™ i5-5200U
BIOS	Insyde BIOS	AMI BIOS
Front I/O	<ol style="list-style-type: none"> 1. PCIe Slot cover for PCIe x 4 (1 x Half-Length PCIe card) 2. LAN x 2 3. USB3.0 x 4 4. HDMI Output x 1 5. VGA Output x 1 6. RS232/422/485 x 1 7. MIC x 1 8. Audio in x 1 9. Audio out x 1 10. HDD indicators x 2 11. Reset key x 1 12. Power Button x 1 13. 2.5" SSD bay x 1 14. Expansion Slot x 1 	<ol style="list-style-type: none"> 1. PCIe Slot cover for PCIe x 4 (1 x Half-Length PCIe card) 2. LAN x2 3. USB 3.0 x 4 4. HDMI output x 1 5. VGA output x 1 6. RS232/422/485 x 1 7. RS232 x 1 8. Audio in x 1 9. Audio out x 1 10. HDD indicators x 2 11. Reset Button x 1 12. Power Button x 1 13. 2.5" SSD Bay x 2
Power Input	9-29V DC-in Terminal Block	12-24V DC-in Terminal Block
Support OS	Windows 10 IOT Enterprise 64 bit	Windows Embedded Standard 7 / Windows 7

APPROVE: MD: EE: TE: PE:

		PRO for Embedded System / Windows Embedded 8 Standard / Windows Embedded 8.1 Industrial / Windows 10 IoT Enterprise
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AFFECTED PRODUCTS:

M-Series Panel PC	R12IHWS-MHM2, R15IHWS-MHC3, R17IHWS-MHM1, R19IHWS-MHA1, W22IHWS-MHA3,
M-Series Box PC	IHMH100

RELEASE DATE: Jun 15 2018

LAST TIME BUY: Aug 16, 2018

ISSUED BY: Barry Lee

**Will be effective from Jun 2018*

APPROVE:  MD: EE: TE: PE: