Product Launch Announcement
Point Mobile PM90

Official Point Mobile Product Launch Announcement
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1. INTRODUCTION OF PM90

The new PM90 is Point Mobile's premium rugged mobile device and the official successor of our PM80. We took the timeless design and upgraded the internal components entirely to make PM90 the most powerful and sophisticated robust Android device Point Mobile currently offers. PM90 is powered by a 2.2GHz octa-core Snapdragon processor and comes with 4GB RAM and 64GB ROM as standard.

PM90 was designed to give customers a device that is robust, versatile and sleek. For maximum ROI, the lifetime of PM90 is extended to up to seven years after product launch. We will supply security patches, updates and also upgrades to newer Android versions (see topic #10, PULS) during this period. The new addition to our line-up is Android Enterprise Recommended and suitable for a variety of applications and industries, such as Enterprise Services, Retail, Public Sector or Transportation & Logistics.

Included in the box is an AC/DC power adapter (with country plug), a USB C-type cable, the standard battery (2,900mAh), hand-strap and LCD screen protection film. Optionally available is a single slot cradle, a 4-slot battery charger and a gun handle (UHF RFID optionally). There is also an extended battery of 5,800mAh available (learn more about accessories on topic #5).

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2. TECHNICAL FEATURES

- Qualcomm SDM Octa-core processor @2.2GHz
- Android 9 operating system, GMS certified, Android Enterprise Recommended
- Updatable until Android R
- Daylight readable 5.0" IPS panel (1280 x 720 pixel)
- Honeywell N6703 barcode scanner
- Standard battery with 2,900mAh and extended battery with 5,800mAh
- Dual microphone, max. speaker output 1W
- 4GB RAM and 64GB ROM as standard
- Drop specification: 1.5m to concrete across operating temperature range
- Water and dust proof (IP67)
- LTE and Wifi (with Fast Roaming)
- Dual micro SAM slot / Dual-SIM card slot
- Light weight between 279~317g (depending on configuration)
- USB-C and Pogo-Pin connector for data transfer and charging

3. TARGET INDUSTRIES

PM90 is designed to be suitable for the following industries:

- Retail
- Enterprise Services such as Hospitality and Field Service
- Transportation & Logistics
- Manufacturing & Warehouse management

4. AVAILABLE SKU FROM LAUNCH

There are a total of eight configurations of communication, scanner and memory options to choose from. All models come with NFC, GPS (only SKU with modem) and Wifi/BT and have both a 13MP rear camera as well as a 5MP front camera.

Assy SKU	Item number	WLAN	LTE	NFC	Memory (4G+64G)	N6703 Scanner	MSR	STD Battery	EXT Battery
SKU1	PM90G3003DFE0C	O		O	O			O	
SKU2	PM90G3Y03DFE0C	O		O	O	O		O	
SKU3	PM90GE003DFE0C	O		O	O		O	O	
SKU4	PM90GEY04DFE0C	O		O	O	O	O		O
SKU5	PM90G6004DFE0C	O	O	O	O				O
SKU6	PM90G6Y03DFE0C	O	O	O	O	O		O	
SKU7	PM90GF003DFE0C	O	O	O	O		O	O	
SKU8	PM90GFY03DFE0C	O	O	O	O	O	O	O	

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5. LAUNCH DATE

The launch date for APAC, EMEA and Americas is set to August 2019. Please contact your sales representative for further information.

6. ACCESSORIES

We offer a variety of accessories for PM90 to maximize its usage:

Standard accessories

AC/DC Power Adaptor

Country Plug (US, EU, UK, AU)

Standard Battery (2,900mAh)

Handstrap

LCD Protection Film

Optional accessories

Extended Battery (5,800mAh)

4 Slot Cradle

Single Slot Cradle (opt. Ethernet)

Stylus Pen

4-Slot Battery Charger

Gun Handle (opt. UHF RFID)

7. FUTURE SKU ADDITION

The current list of SKUs is complete and covers a variety of applications and demands. However, there may be future additions to the SKU list above. Point Mobile will publish a Product Change Announcement (PCA) in case new configurations are added to the configuration list.

8. MARKETING MATERIAL

For high-resolution images of the product and accessories, as well as a product data sheet, presentation file, technical information or product poster, please contact our Marketing team: pm_mk@pointmobile.co.kr

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9. POINT CARE SERVICE OPTIONS

Our complete set of service level agreements, Point Care, is also available for PM90. It includes the following services*:

Category		Point Basic	Point Extended	Point Special	Point Premium
Term	Device	1 year	3 or 5 years	3 or 5 years	3 or 5 years
	Accessory				
Repair by authorized technicians		O	O	O	O
Device diagnostic service		O	O	O	O
Turnaround time (in house)		15 days	10 days	5 days	3 days
Repair Coverage	Manufacturing defect	O	O	O	O
	Normal wear & tear	X	X	O	O
	Firmware reload	O	O	O	O
	Accidental breakage	X	X	O	O
Battery replacement		X	X	Optional	O
Help desk		O	O	O	O
Repair warranty		90 days	90 days	90 days	90 days

* Point Care must be purchased within 90 days of product shipment. Service options may vary by country. Please contact your local sales representative for further information.

Please contact your sales representative or our service team for more information: service@pointmobile.co.kr

10. PULS – ANDROID SECURITY AND UPDATE

The PM90 will come with Point Mobile's lifetime extension PULS. PULS stands for Patches, Updates & Lifetime Support and guarantees a continuous supply of security patches, operating system updates as well as major OS upgrades to newer versions of Android. PULS is available for up to seven years after product launch. PULS is free of charge for security patches. Upgrading to a newer Android version requires additional cost.

There is no subscription required for PULS for receiving security patches and updates. After Point Mobile releases a major Android upgrade, the customer can choose to purchase the upgrade or to stick with the current version. There is no force to upgrade as Point Mobile keeps continuing to support previous versions, even after Google stops their official support.

For more information about PULS, please visit our website: http://www.pointmobile.co.kr/#/en/home/products-business-puls

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11. FREQUENTLY ASKED QUESTIONS

Will the OS be upgraded on PM90?
Yes, there will be upgrades to newer versions of Android. The current plan includes major OS upgrades up until Android 11.

Does the extended 5,800mAh battery require a separate battery cover?
Yes, if you decide to upgrade to the extended battery after purchasing PM90, it is required to replace the standard battery cover against the extended version. Please contact your sales representative for further details. If your device SKU comes standard with the extended battery, the cover for the extended battery is already included in the box.

Does PM90 use the standard SDK (Software Development Kit) by Google?
Yes, for most applications the standard SDK by Google is sufficient. For further implementation and developing, we are providing our own dedicated SDK.

Which charging options does PM90 offer?
There are various charging options available: Single Slot Cradle, Dual Slot Cradle (can charge up to six devices simultaneously when connected to each other) and 4 Slot Battery Charger (for charging batteries only). PM90 can also be charged using a USB-C type cable.

Can PM80 accessory be used with PM90?
No accessory of legacy PM80 devices can be used with PM90.

Will there be a UHF RFID Gun Trigger available?
Yes, Point Mobile is planning to release a Gun Trigger for PM90 with UHF RFID function. The release date will be announced after market launch of PM90.

What are the costs if I want to upgrade my Android version?
Yes, Point Mobile will charge a small fee for the upgrade package. Please ask your sales representative for more information.

Can the Dual Slot Cradles be connected to each other?
Yes, up to three Dual Slot Cradles can be connected to each other for charging up to six devices simultaneously while only one power supply is required for all devices. The compact dimensions of our Dual Slot cradle allow convenient charging in areas with limited space.

Are there programmable keys on PM90?
Yes, there are eight programmable keys on PM90 using our EmKit™ (Enterprise Mobility Kit). For further information please refer to the EmKit Manual here:
http://pointmobile.co.kr/#/en/home/products-business-solutions

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What is EmKit™?

EmKit™ (Enterprise Mobility Kit) is Point Mobile's value-added service kit engineered for the pure benefit of system integrators. It supports the utilization, solution development, and secure management of your business devices. It is provided free of charge and is pre-installed on all our Android-based devices. Among many convenient tools, the two services our partners most prefer included in EmKit™ are Direct Clone and Scan2Set.

What is Direct Clone & Scan2Set?

When customers manage multiple devices in their enterprises, Point Mobile's unique provisioning solution can help maximize productivity and minimize resources to prepare their devices.

- Direct Clone provides a powerful way to transfer the configurations of a master device to one or more client devices without needing to connect to a network

- Scan2Set provides a simplified and quick way to stage multiple devices with a single scan of a QR code just out of the box.

Both can tools clone the device settings, applications, etc., and eliminate the need to configure devices individually.

What is Android Recommended (AER)?

Android Recommended (AER) is a Google-led program involving device makers that helps businesses use the best Android devices and services suited for their needs. Android Enterprise Recommended gives customers confidence by curating a selection of devices and services, making deployments of Android more consistent, and helping ensure their development is current and up to date. Point Mobile joined the AER program with PM90 as well as other products of our line-up.

For more information about Android Enterprise Recommended, please refer to the following link: https://www.android.com/enterprise/recommended/

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