

Product Change Notice

PCN-K240302

Product Change Information:

ARK-3530 series BIOS version upgrade to support the installation of Windows 11 IoT Enterprise and also fix boot option disappear in BIOS issue after installing Windows 11 IoT Enterprise and Windows 10 IoT Enterprise 2021. This upgrade also updates CPU TDP table in BIOS for CPU Core i5-6500, i7-6700 and i7-7700.

Affected Model:

ARK-3530 series and all T part numbers, except T part numbers with customized BIOS.

Current BIOS P/N	Replaced BIOS P/N
1420053856	1420059866

Current Version:

Model Name	BIOS version (P/N)	Status
ARK-3530 series	V1.15 (1420053856)	MP

Next Version:

Model Name	BIOS version	Status
ARK-3530 series	V1.16 (1420059866)	Cut in date: Mar. 21st, 2024

Description of Change:

BIOS is upgraded to add “TPM Device Selection” for users to select dTPM/fTPM which is required for Windows 11. Except adding the item, this new version BIOS also fixes the “Boot Option” disappear in BIOS after installing Windows 11 IoT Enterprise and Windows 10 IoT Enterprise 2021, the issue was found in CTOS after installing the mentioned OS.

This upgrade also updates CPU TDP table in BIOS for CPU Core i5-6500, i7-6700 and i7-7700 allowing the performance reaching TDP 65W.

This change makes no impact to goods already shipped and will be implemented in production from Mar. 21st, 2024.

Ordering Information

No change.

Key information & milestones (ECOM/ LTB information)

ECOM number: ECOM-213020

Initiated By	Kylie Chen	Job Title	Product Manager	Release Date	Mar. 20 th , 2024
Approved by	Maxine Cho	Job Title	Senior Manager	Release Rev.	1.0

TPM Device Selection Option (default [dTPM])

Aptio Setup Utility - Copyright (C) 2024 American Megatrends, Inc.		
Advanced		
ME Firmware Version	11.8.79.3722	Configure PTT
ME Firmware Mode	Normal Mode	
ME Firmware SKU	Corporate SKU	
ME File System Integrity Value	2	
ME Firmware Status 1	0x90000255	
ME Firmware Status 2	0x80108306	
NFC Support	Disabled	
ME State	[Enabled]	
▶ AMT Configuration		
▶ Firmware Update Configuration		
▶ PTT Configuration		
		++: Select Screen ↑↓: Select Item Enter: Select +/-: Change Opt. F1: General Help F2: Previous Values F3: Optimized Defaults F4: Save & Exit ESC: Exit
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Advanced		
PTT Capability / State	1 / 0	Selects TPM device: PTT or dTPM. PTT - Enables PTT in SkuMgr dTPM 1.2 - Disables PTT in SkuMgr Warning ! PTT/dTPM will be disabled and all data saved on it will be lost.
TPM Device Selection	[dTPM]	
PTP aware OS	[PTP Aware]	
		++: Select Screen ↑↓: Select Item Enter: Select +/-: Change Opt. F1: General Help F2: Previous Values F3: Optimized Defaults F4: Save & Exit ESC: Exit
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