



ICOP TECHNOLOGY INC.
昭營科技股份有限公司

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Engineering Change Notice

Date	2025/03/19	Document No.	IECN-6353-2503
Model name	VDX-6353RD / VDX-6353RD-512		
Subject	Product revision, P/N changes to VDX-6353RD-V2 and VDX-6353RD-V2-512		

Description

Due to the longevity issue of Z9s VGA chipset on VDX-6353RD, ICOP has introduced an alternative solution, VDX-6353RD-V2, which integrates a new VGA chipset solution called SM712 to replace it. Such changes will affect the customer who is currently using LCD panel and the platform OS that requires VGA driver to support. More information will be clarified in the content below.

Sameness

1. Hardware specifications. (CPU frequency, RAM size, all I/O interfaces).
2. Except TFT LCD and PS/2 Keyboard/mouse interfaces, mechanical positions of all other connectors keep the same.

Difference

1. BIOS version is different due to the change of VGA chip with following conditions.
 - 1) For customer who only requires VGA output, the new standard BIOS will work for you right away.
 - 2) For customer who is using LCD panel, the new LCD panel support BIOS is required to verify.
2. VGA driver is different due to the change of VGA chip. OS which is working under VESA mode is not affected.
3. PS/2 Keyboard and Mouse connectors position
4. Audio connectors position (optional)

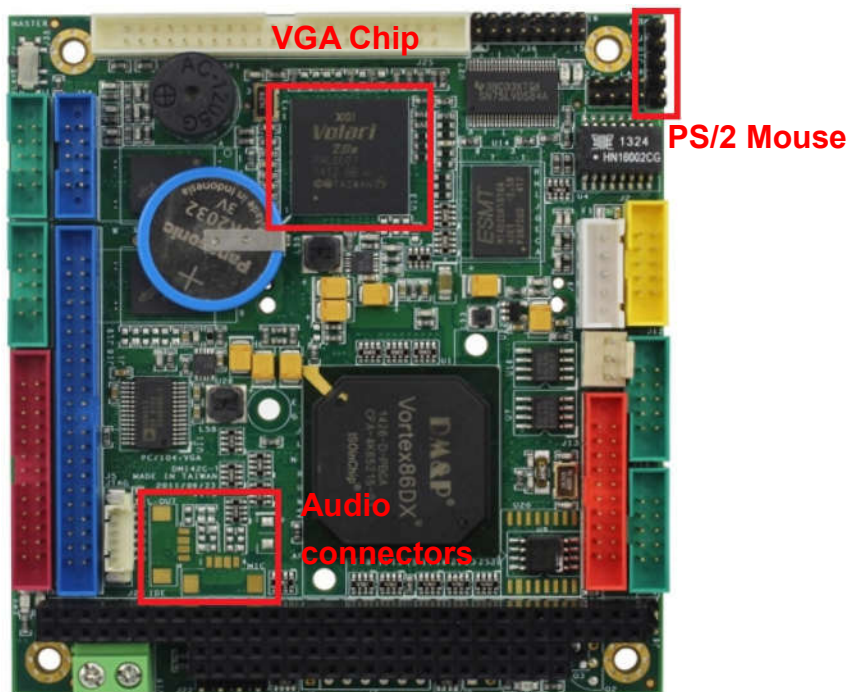


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intelligent control on processor

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VDX-6353RD



VDX-6353RD-V2

