

## Product Change Notice

### Pluto SBC Products

April 18, 2022



This notice contains important information about products which you or your company may have previously purchased from Diamond Systems (DSC). Please read this notice carefully, as this information may have a significant impact on your company's product design and manufacturing activities. DSC appreciates your business and understands the impact that this information may have, and we want you to be fully informed so that you can make the best decision for your particular situation. DSC's sales department is ready to answer your questions and provide assistance. A replacement product is available.

#### Part Numbers Affected

Original Part	Description	Replacement Part
<b>PLT-E3845XT-8G</b>	Pluto PC/104-Plus SBC, E3845 ETX COM, 8GB RAM, Wide Temperature	<b>PLT-E3845B-XT-8G</b>
<b>PLT-E3845XT-4G</b>	Pluto PC/104-Plus SBC, E3845 ETX COM, 4GB RAM, Wide Temperature	<b>PLT-E3845B-XT-4G</b>
<b>PLT-E3845XT-2G</b>	Pluto PC/104-Plus SBC, E3845 ETX COM, 2GB RAM, Wide Temperature	<b>PLT-E3845B-XT-2G</b>

#### Explanation

Products using the ETX-E3845-XT Computer-on-module (COM) and accompanying carrier board are obsolete and no longer manufacturable due to the unavailability of key processor peripheral components needed to build the two boards.

**Replacement Product** – Diamond Systems has introduced replacement models which are fully backward compatible with the original Pluto family physically and functionally. Differences in various peripheral chips may require the installation of new software drivers, otherwise original customer software should perform identically on both old and new models of Pluto.

Please visit the Pluto product page to learn more and download the user manual:

<http://www.diamondsystems.com/products/pluto>

#### Ordering Status

Orders for the Original Product are limited to stock on hand. Orders for the Replacement Product may be placed for any quantity up to stock on hand, after which they will be subject to a minimum order quantity, due to supply chain difficulties in existence as of the date of this notice. Please contact DSC Sales for the latest information.

**Customers purchasing a custom version of Pluto will need to contact Diamond Systems to obtain a new part number for future orders that indicate the new product.**

#### Differences between original and replacement products

The table below lists the differences between the original and replacement models. These changes do not affect the performance of physical design of the product in any way except as indicated.

Item	Change	Reason for Change	Impact of Change
1	Replaced Marvell 88SE6101 PCIe IDE controller to Innodisk 6DB368L048 controller	Obsolete / no longer available	Need BIOS update to support the new IDE controller
2	Replaced ISA super IO Winbond W83977EF with USB 2.0 to Dual UART FT2232 from FTDI	Obsolete part	Will require new drivers for the proper functioning of device. Drivers available on the product support page.
3	Replaced PCI GigE controller with USB to GigE controller AX88179 from ASIX	Obsolete part	Will require new drivers for the proper functioning of device. Drivers available on the product support page.
4	Added USB hub GL852G	To support the USB Gigabit Ethernet Controller	