

# Upgrading to a Dell 7010 on a E-max Elite™ Bingo Console

**Date Released:** 1/21/2014

**Issue:** When replacing a Dell 270, 280, 745, 760, 780 or 790 computer with a Dell 7010, two PC-to-TV converters need to be added to the cabinet in order to display the video signal coming from the displayports.

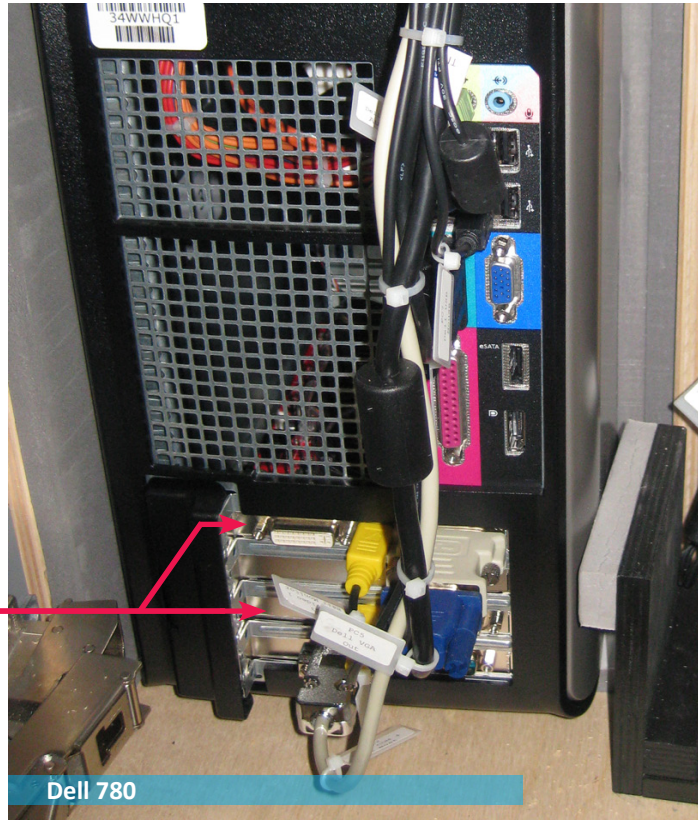
## 1) Original setup.

### NOTE:

Configuration may change depending on the computer model. On this picture a Dell 780 is shown for demonstration purposes.

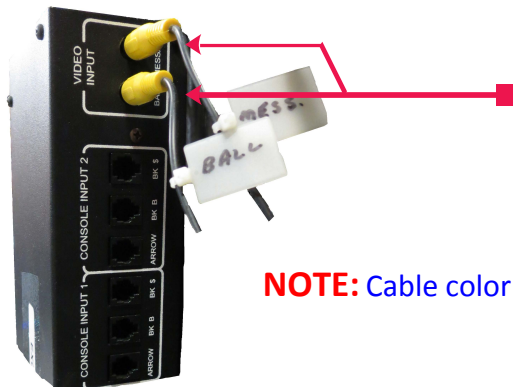
Video cards are used to display Ball, Message and Callers Monitor video.

Disconnect all cables from the back of the computer and remove the PC from the cabinet.



## 2) Remove S-Video to composite cables

Completely remove the yellow S-Video to composite cables from the console. Follow the cable to the video input on data router and disconnect it.



Composite cable on the data router.

**NOTE:** Cable color and shape may differ on older Dell PC models.

3) Additional equipment that comes with the Dell 7010



**NOTE:** The S-video cable with the BD0204 converter box can be discarded.

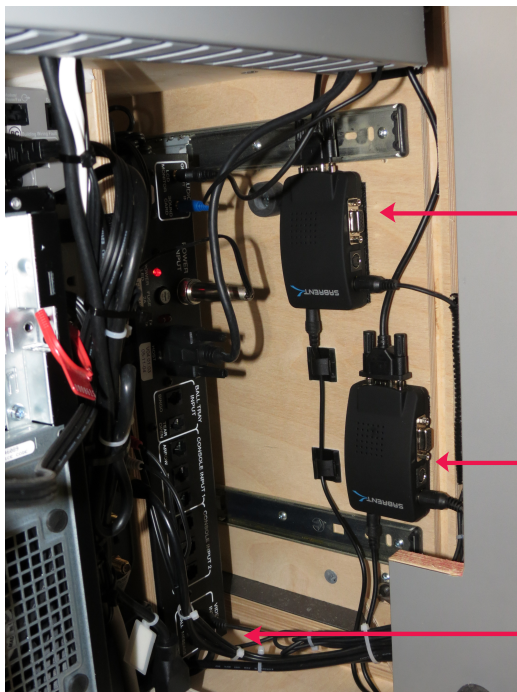
Kit # HH44GX7010-KIT

4) Installing your new Dell 7010

- Slide your new Dell 7010 computer where the old system use to be.
- Reconnect all cables to the back of the Dell 7010 (refer to the diagram on page three), including the two displayport dongles.
- Use the velcro to adhere the two BD0204 converters to the side of the cabinet as shown below.
- Connect the VGA cable to the input of the BD0204 Ball Video converter and route back to the Ball Video displayport dongle on the PC.
- Connect the composite cable to the output of the BD0204 Ball Video converter and route to the Ball Video input on the data router.

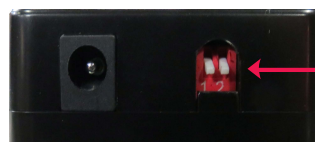
- Connect the USB power cable to the power input on the BD0204 and route to the converter box power USB port on the PC (refer to diagram on page three).
- Repeat steps above to connect the BD0204 Message Video converter box.

**NOTE:** Use the provided cable ties (40555 and 41223) to help routing the cables.



Displayport Dongles

Message Video  
Ball Video



**NOTE:** DIP switches on the BD0204 converter box should be on the down position.

5) Dell 7010 diagram on the next page



# Dell Optiplex GX7010 Connections

Top Front of Computer

Dell Service Tag (7 characters)  
Please have this number available if calling E-max support It can be retrieved from either of two locations

AC Power In

Ethernet

Tear Open Camera

Main Camera

Ball Video (Use displayport dongle)

Message Video (Use displayport dongle)

Mouse  
Keyboard

Touch Screen

Printer

Callers Monitor Video

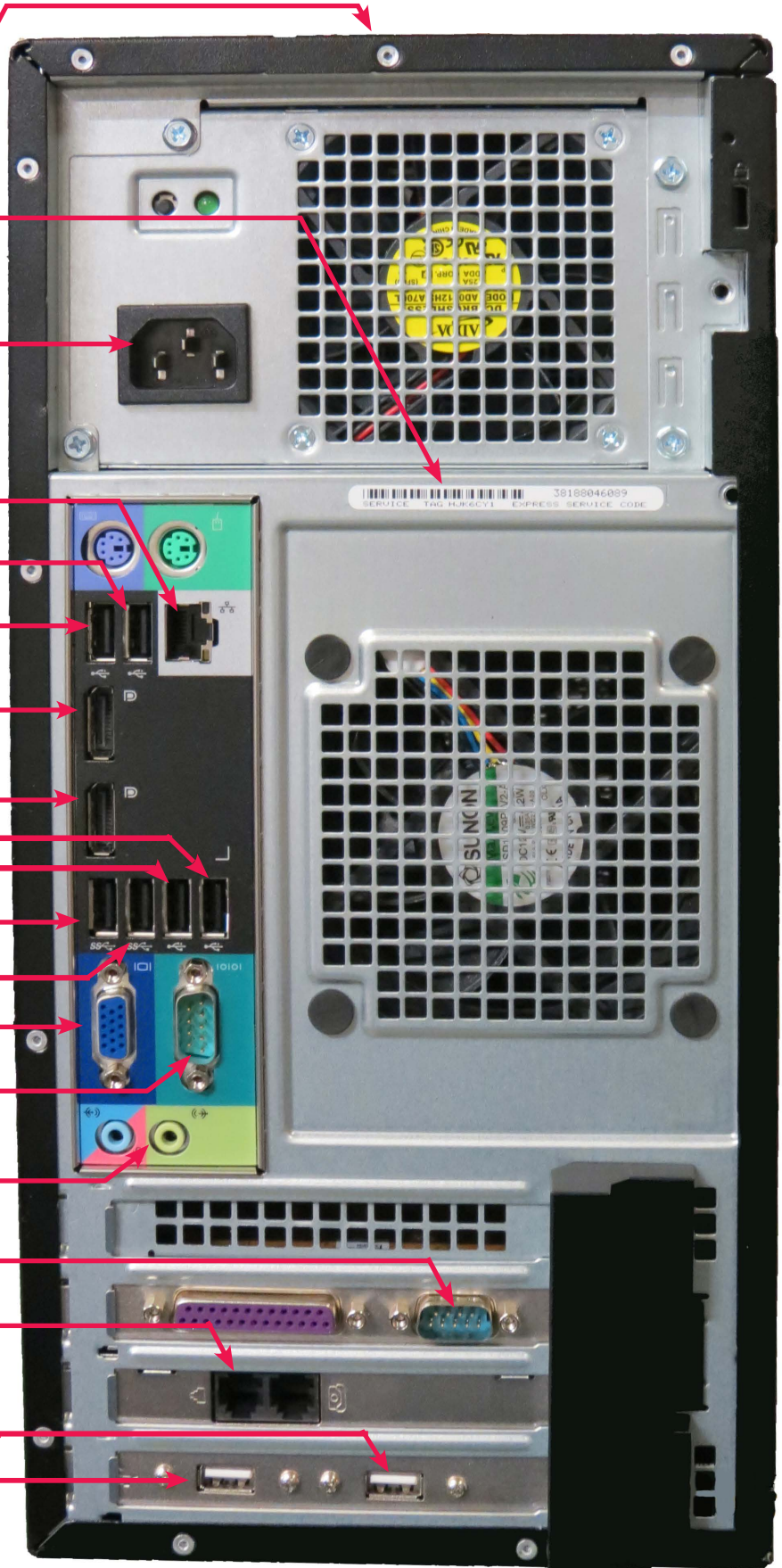
Mag card Reader

Audio

Data Router

Phone Line

Converter box Power



Do not power on the system until every connection is plugged in

Please contact the Technical Assistance Center for any further technical questions about our products

**1-800-277-6214**

**TAC@arrowinternational.com**