

## Summit Product datasheet

### Summit



### Product Features

Input/output	
<b>40-pin header</b>	Not Populated
Inter-board connector	
<b>Board-To-Board Connector</b>	2 x 70-pin AVX connectors
Mechanical	
<b>Length</b>	80 mm
<b>Width</b>	39 mm
<b>Weight</b>	BRD30001 @ 16.5g PKG30001 @ 40g (incl. shipping case)
Display	
<b>DVI-D</b>	HDMI
Misc	
<b>Power</b>	3.5V - 5V
Product series	
<b>Product Family</b>	Overo
Power	
<b>RTC Battery Holder</b>	Holder for 6mm rechargeable coin cell RTC battery
Processor	
<b>Temperature</b>	Built with components rated $0 < T < 70C$
Communications	
<b>USB Console Port</b>	Included
Usb	
<b>USB Device</b>	Included
<b>USB OTG</b>	Included

PKG30001

USD49.00

Provides DVI-D signals over an HDMI connector. Also features USB Host, USB OTG, Audio Stereo-out and line-in, and a 40-pin header with GPIO, PWM and A/D lines - an expansion board for any Overo COM.

#### Other connector

- 1 × Power Jack
- 1 × USB Mini-AB Jack
- 1 × USB Mini-AB Jack
- 1 × Molex HDMI SMT Connector
- 2 × 3.5mm Stereo Audio Jacks

#### Mating connector

- 2 × 70-Pin AVX Connectors (Female Overo Expansion)

#### What's included

- 1 × Summit expansion board

#### Key component

- 1 × Texas Instruments REG711 Converter
- 1 × Texas Instruments TPS62111 Step-Down Converter
- 1 × FTDI FT232RQ USB UART Interface
- 1 × Texas Instruments TFP410 DVI Controller

#### Product links

- [Schematics and Board Layout](#)
- [2015-02-25/overo/master/MLO](#)
- [2015-02-25/overo/master/u-boot.img](#)
- [2015-02-25/overo/master/README](#)
- [2015-02-25/overo/master/gumstix-xfce-image-overo.tar.bz2](#)
- [2015-02-25/overo/master/gumstix-console-image-overo.ubi](#)
- [2015-02-25/overo/master/gumstix-xfce-image-overo.ubi](#)
- [Geppetto®Workspace](#)

