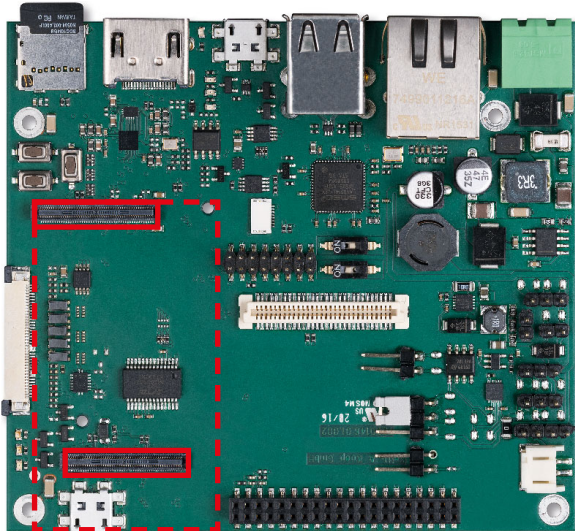


# ConXM

## Baseboard for Myon I with Snapdragon™ 410E

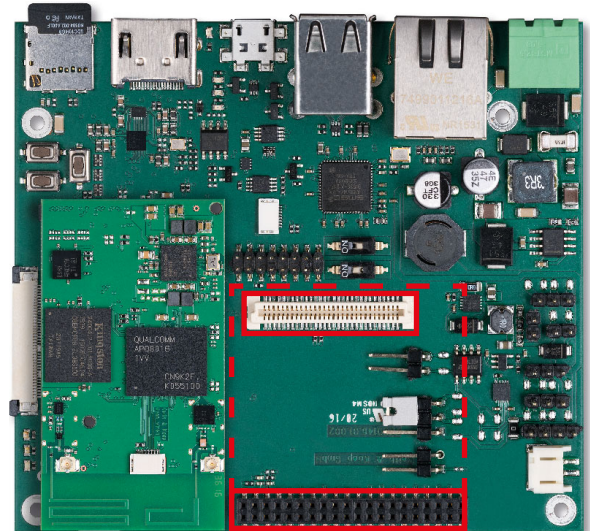
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- Evaluation platform for IoT/handheld devices
- Supports LVDS, HDMI, MIPI Display/Camera
- Peripherals: direct access via standard connectors e.g. Ethernet, USB
- Expansion connectors compatible with DragonBoard 410c



Myon I connectors

(MIPI version)



Myon I

expansion connectors compatible with DragonBoard 410c

## Compatible computing units

Myon Modules      Myon I with Qualcomm® Snapdragon™ 410E Quad-core ARM Cortex A53

## Onboard

Display Interfaces      LVDS, HDMI  
Features      USB2.0 Host, USB2.0 OTG, µSD Card Socket, RJ45 10/100 Mbit Ethernet, LED, Reset  
Wireless Communication      Myon option: WLAN 802.11 b/g/n 2.4GHz, Bluetooth 4.1, GPS

## Expandability

Myon I connectors      2x 100pin Hirose DF40 connectors  
Expansion interfaces (compatible connectors with DragonBoard 410c)      1x 40-pin low speed expansion connector: UART, SPI, I2S, 2x I2C, 12x GPIO, DC power  
1x 60-pin high speed expansion connector: 4L MIPI-DSI, USB, 2x I2C, 2L+4L MIPI-CSI  
Footprint for one optional 16-pin analog expansion connector for stereo headset/line-out, speaker and analog line-in

## General Details

Operating Systems      Microsoft Windows 10 IoT Core, Linux, Android  
Voltage Supply      Industrial +12 up to +24V supply, +5V (USB) / Lithium-ion, lithium-ion-polymer battery-charger / Coin-Cell charger (Myon PMIC)  
Operating Temperature      -20°C to +85°C industrial  
Board Dimensions      100.0 mm x 90.0 mm x 18.0 mm (W x H x D)  
Environmental Standard      RoHS, REACH, WEEE  
Availability      10 years form, fit, function\*  
Order code      MIPI version (with HDMI): 45 100.MIPI.003 / LVDS version (without HDMI): 45 100.LVDS.003

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www.keith-koep.com

Keith & Koep GmbH  
Uellendahler Str. 199  
42109 Wuppertal

Tel +49-202-25253-0  
Fax +49-202-25253-33

\*beginning product life circle      Rev.1709  
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