



## Ordering Information

### Part number : FEB600-xyz-m-n-MN

- **xyz:** The type of Processor
  - "Q10" =1.0GHz i.MX6 Quad Cortex-A9 SoC.
  - "D10" =1.0GHz i.MX6 Dual Cortex-A9 SoC.
  - "U10" =1.0GHz i.MX6 DualLite Cortex-A9 SoC.
- **m:** The DDR3 Memory size on board
  - "1" 1GB of DDR3.
  - "2" 2GB of DDR3.
- **n:** The eMMC size on board
  - "4" 4GB of eMMC.
  - "8" 8GB of eMMC.
- **MN:** The Function Summary code
  - "SS" = HDMI, 3x USB2.0, Mini USB 2.0 OTG, 1x COM, Micro SD socket, CANbus & Console port, GPIO, Gigabit Ethernet, line-out/MIC-in, DC12V-in.
  - "PS" = HDMI, 3x USB2.0, Mini USB 2.0 OTG, 1x COM, Micro SD socket, CANbus & Console port, GPIO, Gigabit Ethernet, line-out/MIC-in, DC12V-in, PoE (802.3af/ PD mode A ,endspan only).

## Features

- Processor:
  - 1.0GHz NXP i.MX6 Quad Cortex-A9 SoC (MBE60-Q10xx)
  - 1.0GHz NXP i.MX6 Dual Cortex-A9 SoC (MBE60-D10xx)
  - 1.0GHz NXP i.MX6 DualLite Cortex-A9 SoC (MBE60-U10xx)
- System Memory:
  - 1 or 2GB DDR3-1066 SDRAM onboard
- Storage:
  - 4GB/ 8GB or 16GB of eMMC Flash memory
- Rear Panel I/O:
  - 1 x Reset button
  - 1 x HDMI®-1.4 port
  - 1 x Mini USB 2.0 type B port support OTG
  - 3 x USB 2.0 type A ports
  - 1 x Micro SD/SDHC card slot
  - 1 x CAN/Console port
  - 1 x DIO port supports eight GPIOs
  - 1 x Audio jack for Line-out/ Earphone-out(option)
  - 1 x Audio jack for Mic-in/ Line-in(option)
- Front Panel I/O:
  - 1 x 2-pole Phoenix DC jack
  - 1 x Power LED & wifi LED
  - 1 x COM1 port (supports 5-wire TX,RX,RTS,CTS) RS232/ RS485/ RS422
  - 1 x Micro SD/eMMC boot select switch
  - 1 x Gigabit Ethernet port
  - 2 x Antenna holes for Wi-Fi
  - Wi-Fi (802.11b/g/n/ac 2x2 MIMO)option
- Power supply:
  - Adaptor DC-12V
  - PoE IEEE 802.3af, PD modeA (option)
- Outline Dimensions: (W x D x H)
  - 143mm x 74mm x 60mm (w/o antenna)
- Operation Temperature: -20°C to 70°C
- Operating System:
  - Android 6.0, Linux 4.1.15
  - Yocto Project2.0 with QT 5.4 (Weston Wayland UI)

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