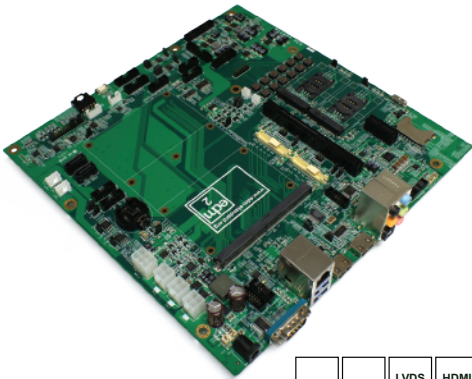




The official EDM type 2 Evaluation Carrier Board brings you a rich variety of interfaces and options at your fingertips.

Wide range of jumper selectable audio, video and touch interfaces.

Optional smart battery pack implementation.

Power 5 VDC	LAN	LVDS	HDMI	PCIe x4	SATA 2nd	LPC	HDA	SPDIF	CANBus x2	SD	SPI x2	UART x2	Buttons + GPIO	RSVD
		LVDS	HDMI	PCIe x2	SATA 1st	USB OTG	USB Host	I ² S 1st				I ² C x2		RTC

Core System

System on Module EDM Type 2 compliant

Video

External Display 2x HDMI
2 channel 18/24 bit LVDS

Touch

Controller Jumper selectable:
TSC2046 (4 wire by SPI)
TSC2004 (4 wire by I²C)
ADS7845 (5 wire by SPI)
Connector USB 4/5 wire touch controller
4 wire touchpanel (USB/I²C/SPI)
5 wire touchpanel (USB/SPI)

Audio

Codec Jumper selectable:
Freescale SGT15000 (I²S)
TI TLV320AIC23B (I²S)
Realtek ALC892-CG (HDA)
Connector 5x 3.5 mm jack Surround audio
S/PDIF

Sensors

Real Time Clock Maxim Integrated DS1337+

Expansion and Connectivity

Expansion slots 2x mini-PCIe + SIM cardslot
(for 3G communication)
1x PCIe x1 expansion slot
1x PCIe x4 expansion slot
1x Gigabit LAN
Ethernet
USB 2x USB 3.0 Host
1x micro-USB 3.0 / 2.0 OTG
1x USB 2.0 Host

Storage

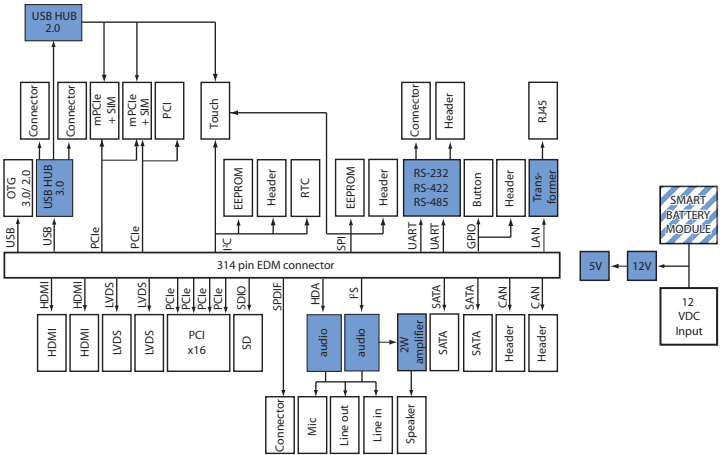
Connector 2x SATA
1x SD cardslot (SDIO)

Communication and Control

Header 2x CAN Bus
2x UART (RS-232/422/485)
2x SPI (shared with EEPROM)
2x I2C (shared with EEPROM)
LPC (Low pincount)
8x GPIO (shared with buttons)
Reserved / manufacturing pins

Power Specifications

Input power 12 VDC
or Smart Battery

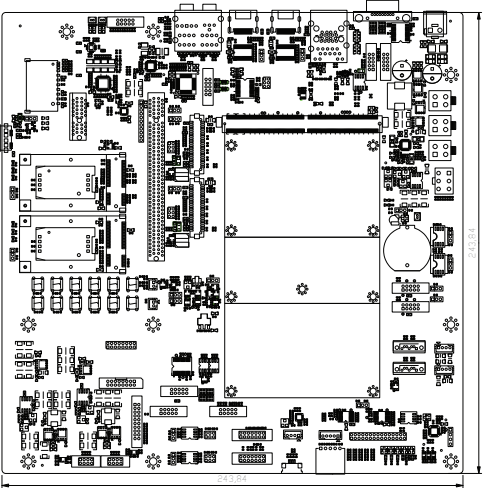


Mechanical and Environmental

Temperature Commercial: 0° to 60° C
Humidity 10-90%
Module Connector 314 pins MXM3
Form Factor microATX
Dimensions 244 x 244 mm
(9% x 9% inch)
MTBF >100,000 hours
Weight 380 grams
Shock 50G / 25ms
Vibration 20G / 0-600 Hz

Dimensions

units in mm



Ordering Information

EDM2-WIZARD-START EDM Type 2 Evaluation board including cablekit and adaptor

The Wizard design files including schematics and gerber files are available to design your own EDM Carrier Board.

AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com