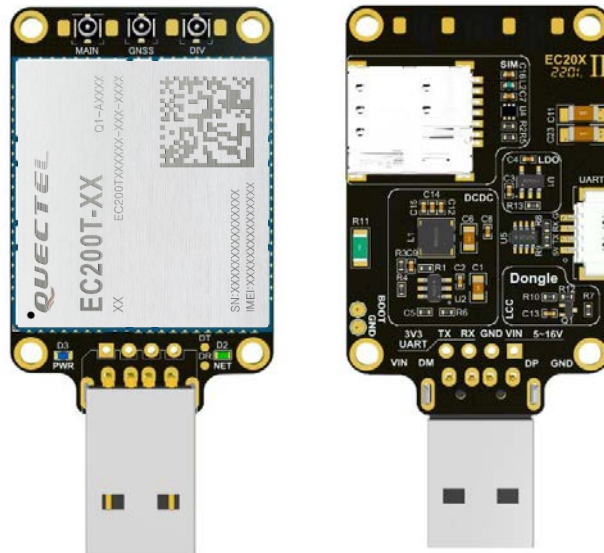


EC20X Dongle

Specifications & Instruction

1 Core board specifications

1.1 Dimension



1.2 Part number

Model: Quectel EC20X

IPEX antenna: MM9329-2700RA1, 3mm*3mm, height=1.15mm, Straight=2.1mm

On-board antenna: Mini 4G antenna by default

USB: USB-AM

SIM slot: Nano SIM

DCDC: TPS563201DDCR

LDO: ME6212C33M5G

1.3 Electrical characteristics

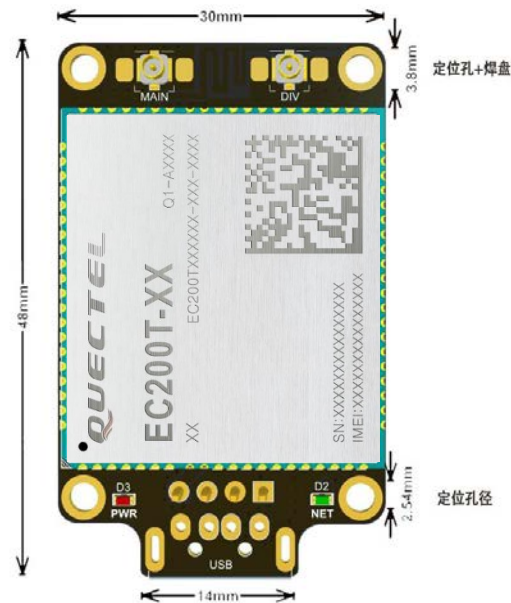
USB Power: 5V

Test point: BOOT/GN

1.4 pin definition

Pin	Signal	Description	Note
+5V	VCC_IN	External power supply	5V
DM	USB_DM	USB-	
DP	UDB_DP	USB+	
GND	GND	Ground	

1.5 Dimension



1.6 Antenna connector requirements

Part No.	U.FL-LP-040	U.FL-LP-066	U.FL-LP(V)-040	U.FL-LP-062	U.FL-LP-088
Mated Height	2.5mm Max. (2.4mm Nom.)	2.5mm Max. (2.4mm Nom.)	2.0mm Max. (1.9mm Nom.)	2.4mm Max. (2.3mm Nom.)	2.4mm Max. (2.3mm Nom.)
Applicable cable	Dia. 0.81mm Coaxial cable	Dia. 1.13mm and Dia. 1.32mm Coaxial cable	Dia. 0.81mm Coaxial cable	Dia. 1mm Coaxial cable	Dia. 1.37mm Coaxial cable
Weight (mg)	53.7	59.1	34.8	45.5	71.7
RoHS	YES				