

IMX-2200

Android 5.0 Industrial Mobile Computer

Features

- Android 5.0 OS
- 3.2" (240 x 320) TFT-LCD; sunlight readable; five point capacitive touch screen
 - WLAN: IEEE 802.11 a/b/g/n
 - WPAN: V4.0 BLE
- Data capture: CCD/1D laser engine/ 2D imager/NFC 13.56 MHz
- 5M pixel camera with AF flash LED (standard)
- Rechargeable 2620 mAh Li-ion battery/3.7V
- 1.5m Drop and IP65 rating

Preliminary



Product Illustration



Ordering Information

Modules

- **IMX-2200**
FREESCALE I.MX6 SOLO 800 MHz, CCD, 5M camera, NFC, Wi-Fi
- **IMX-2210**
FREESCALE I.MX6 SOLO 800 MHz, Laser, 5M camera, NFC, Wi-Fi
- **IMX-2220**
FREESCALE I.MX6 SOLO 800 MHz, 2D imager, 5M camera, NFC, Wi-Fi
- **IMX-2212**
FREESCALE I.MX6 SOLO 1GHz, Laser, 5M camera, NFC, Wi-Fi
- **IMX-2222**
FREESCALE I.MX6 SOLO 1GHz, 2D, 5M camera, NFC, Wi-Fi

Accessories

- **IMX-1200**
w/ charging and communication cradle for mobile computer and one extra battery
- **Battery pack I**
2620 mAh Li-ion battery

Specifications

Physical Characteristics		User Environment	
<i>Dimensions (LxWxH)</i>	Top: Approx. 171 x 70 x 28.9 mm Bottom: Approx. 171 x 62 x 23.4 mm	<i>Operating Temperature</i>	-10°C to 50°C (32°F to 104°F)
<i>Weight</i>	Approx. 275g (incl. 2620 mAh battery)	<i>Storage Temperature</i>	-20°C to 60°C (-4°F to 140°F)
<i>Display</i>	3.2" display, resolution: 240 x 320 pixels, capacitive touch panel	<i>Humidity</i>	10% to 90% @ 25°C, non-condensing
<i>Main Battery</i>	Rechargeable Li-ion 3.7V / 2620 mAh	<i>Drop Spec</i>	1.5m
<i>Expansion Slot</i>	Micro SD x1, supports SDHC up to 32GB	<i>Sealing</i>	IP65
<i>Notification LED</i>	Vibration, tricolor LED (R, G, B)	<i>ESD</i>	+/- 15KV Air Discharge, +/- 8KV Direct Discharge
<i>Keypad/Controls</i>	1x power key	<i>Certifications</i>	CE/ CB/ FCC/ NCC/ BSMI/ OFCA/ CCC
	3x Android function keys	Wireless LAN Data Communications	
	20x numeric keys	<i>WLAN Radio</i>	IEEE 802.11 a/b/g/n, (Optional CCX)
	3x programmable side keys	<i>WPAN</i>	Dual mode Bluetooth 4.0 + Bluetooth 2.1 + EDR
	1x reset key	Value Added Software	
<i>Audio Speaker</i>	90dB 1K Hz @10cm	<i>Reader Utility</i>	For CCD/1D/2D barcode scan demo, symbologist setting.
<i>Earphone jack</i>	3.5" earphone jack	<i>Button Utility</i>	Assigns application or hot key
<i>Receiver</i>	Receiver	<i>Kiosk Mode Utility</i>	Locks down app to protect kiosk
<i>Microphone</i>	Microphone	<i>Wi-Fi VoIP</i>	Push to talk via Wi-Fi
<i>Camera</i>	Autofocus 5MP with flash LED	Standard Accessory	
<i>Sensor</i>	Supports G & Gyro, light & proximity sensors	<i>Lanyard</i>	X 1 pcs
Platform Characteristics		<i>AC Power Adaptor</i>	X 1 set
<i>CPU</i>	800MHz to 1GHz	<i>2600 mAh battery</i>	X 1 pcs
<i>Operating System</i>	Android 5.0	<i>USB cable</i>	X 1 pcs
<i>Memory</i>	1GHz DDR3L SDRAM / 8GB Flash		
<i>Interface / Comm</i>	USB 2.0 OTG		
Data capture			
<i>1D Barcode</i>	CCD imager Laser engine		
<i>2D Barcode</i>	2D imager		
<i>NFC</i>	NFC NPC-100 (13.56MHz)		