NEXGO G2

Version 5.1 Issued October 2022

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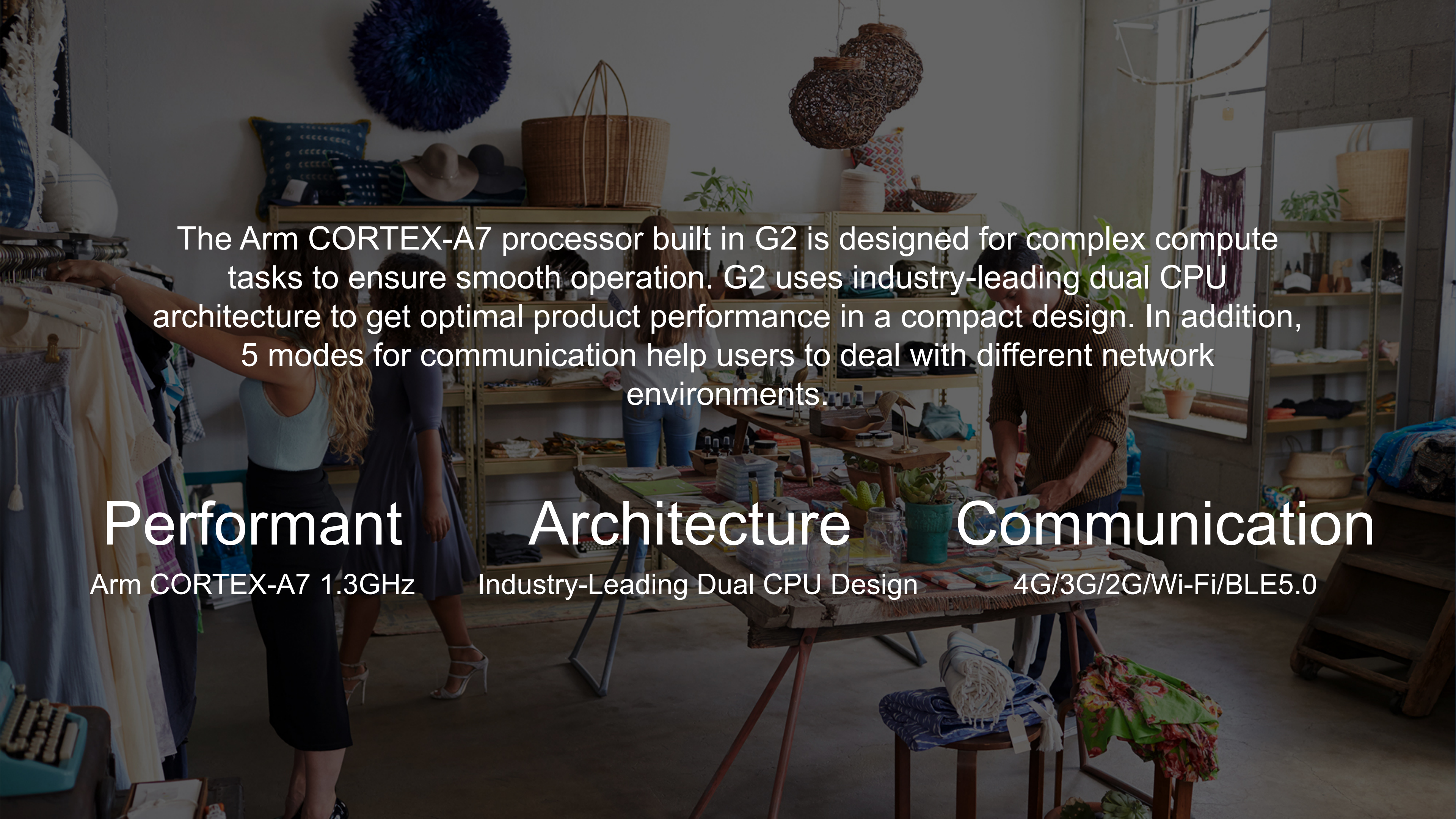
G2

Performant
Portable POS Terminal

The Arm CORTEX-A7 processor built in G2 is designed for complex compute tasks to ensure smooth operation. G2 uses industry-leading dual CPU architecture to get optimal product performance in a compact design. In addition, 5 modes for communication help users to deal with different network environments.

Performant
Arm CORTEX-A7 1.3GHz

Architecture
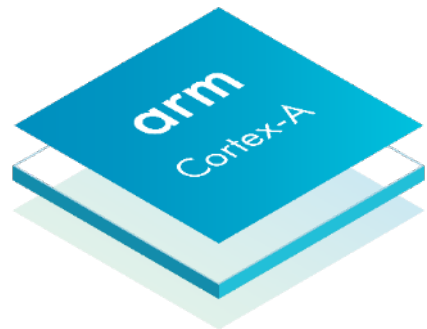Industry-Leading Dual CPU Design

Communication
4G/3G/2G/Wi-Fi/BLE5.0

Processor and Memory

G2 uses Arm CORTEX-A7 with 256MB Flash and 256MB RAM, bringing you an smooth operation experience.

Arm CORTEX-A7
1.3GHz

Memory
256MB Flash+256MB RAM

Leading Dual CPU Architecture

Industry-leading architecture enables G2 to enhance product performance in a compact design.

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Use G2 Anywhere

G2 adopts **Qualcomm** chipsets and powerful communication module, to ensure fast and stable communication and strong network adaptability.

4G   **3G**   **2G**   Wi-Fi   BLE5.0

4G   3G   2G   Wi-Fi   BLE5.0

* BLE is Bluetooth Low Energy

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A Higher Level of Security

NEXGO's newest security system is used in G2, which greatly improves the safety level. It supports TMS and remote keys, also effectively protects G2 from illegal dismantling and data theft.

PCI5.X Approved
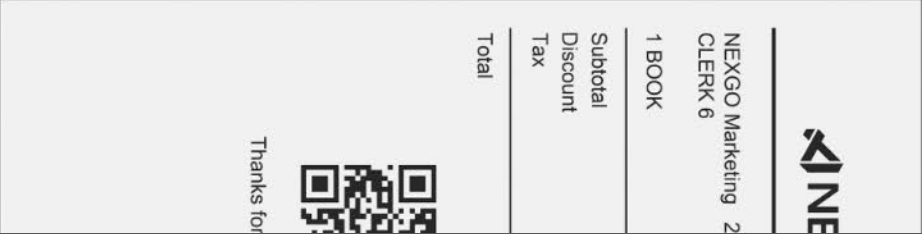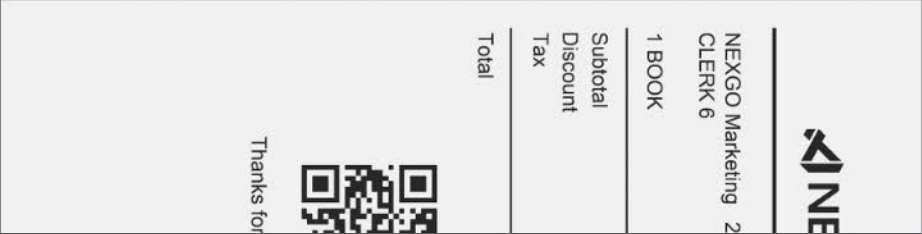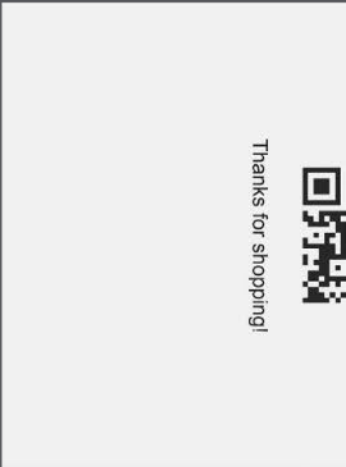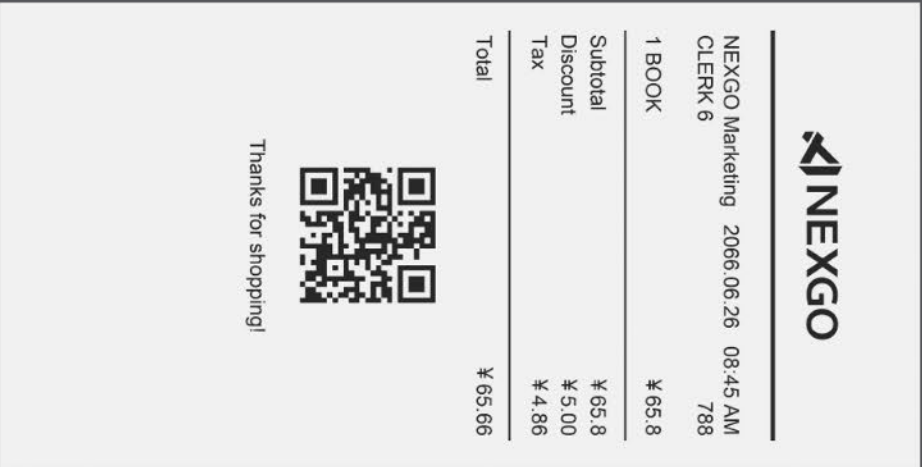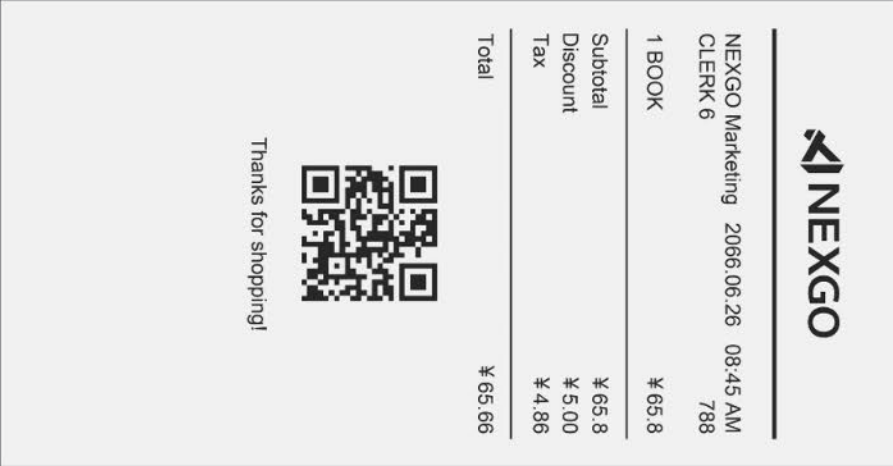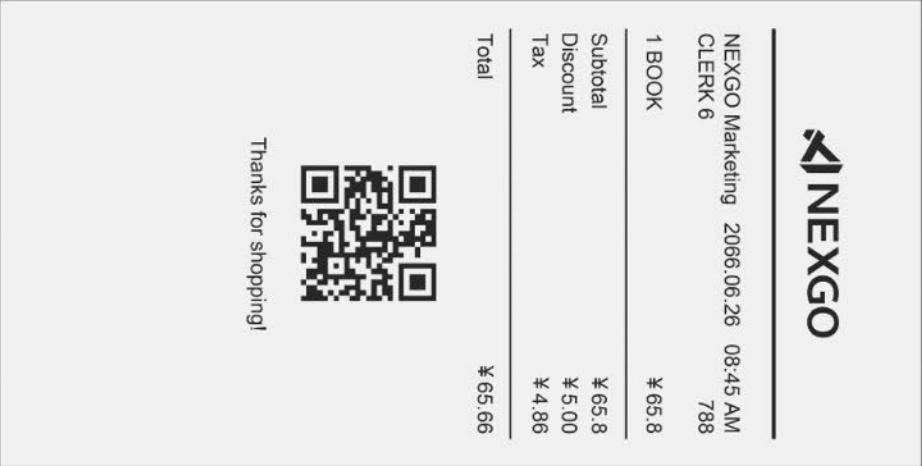Valid until 2026

Power-Efficient

The power performance of G2 is outstanding, its battery can stand by for up to 260+ hours or print 600+ receipts per charge.

260+ Hours   600+ Receipts

ATEX Certified

G2 can be safely and reliably used in hazardous workplaces, such as gas stations, chemical industry and petrochemical industry.

It is proved not to be a source of ignition or explosion under potentially explosive atmospheres, and it can withstand a certain extent of blast and heat without causing a secondary explosion or fire.

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Payment Methods

G2 accepts payments of magnetic stripe cards, IC cards and contactless/NFC.

Magnetic Stripe Cards

IC Cards

Contactless/NFC

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Certifications

G2 Portable POS Terminal

Operating System Linux	**Printer** High Speed Thermal Printer Paper Roll Width : 58mm, Diameter: 40mm	**Battery** 3.7V/2600mAh
Processor Arm CORTEX-A7 1.3GHz	**Card Readers** Magstripe Cards : Track 1/2/3, Bi-Directional, ISO7811 Smart Cards : EMV L1 & L2 Approved Contactless Cards : Type A/B, EMV L1 & L2, Paypass, PayWave and Amex Approved	**Environmental** Operating Temperature : 0°C to 50°C Storage Temperature : -20°C to 60°C Relative Humidity : 5% to 95%(Non-Condensing)
Memory 256MB Flash+256MB RAM	**Peripheral Ports** 1 x Micro-USB 1 x PSAM, 1 x SIM	**Physical** 165mm L x 78mm W x 56mm H 340g (Battery Included)
Display 2.4" TFT QVGA (320 x 240) Color Screen with Adjustable Backlight Resistive Touchscreen E-signature Supported	**Communication** 4G/3G/2G Wi-Fi, 2.4G 802.11b/g/n90 (Optional) BLE5.0 (Optional)	**Voltage** Input : 100 - 240V, 50-60Hz, 0.3A Output : 5V/1A
Keypad 10 Numeric Keys, 9 Function Keys Dustproof Built-in Password Keyboard	**Audio** Buzzer	**Certifications** PCI5.X, CE, EMV L1/L2, EMV CL L1, Paypass, PayWave, Amex, ATEX, etc.

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THANK YOU!

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