How GCT Connects EPOS Technology

The way we transact has come a long way...

The **Electronic Point of Sale** (**EPOS**) systems of today encompass a complex network of electronic hardware and are one of the earliest applications to adopt an **IoT ecosystem**. The rise of **EPOS** is creating innovative equipment making it easier for retailers and customers alike.

2 million
EPOS units *shipped* globally in **2016***

of which type?
Fixed Terminal POS - **70%***
MPOS (Mobile) - **30%***

19.0 million
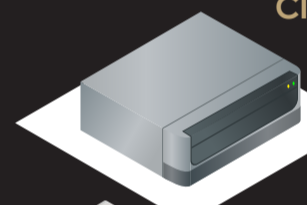EPOS Installations *worldwide* in **2016***

22.3 million
Forecast EPOS *growth* by **2022***

GCT connectors bring together the following technologies:

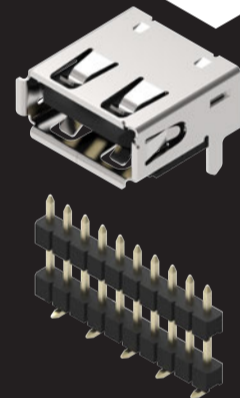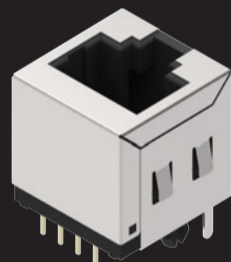### ① The Essentials
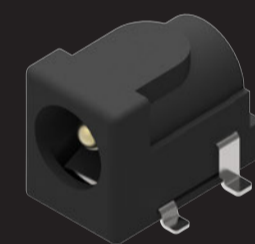Click part images for more information.

Base Unit

Full Size (Standard) USB Type A
Vital for linking USB peripheral 'devices' to a base unit or 'host', USB Type A connectors have been the industry standard since 1991.
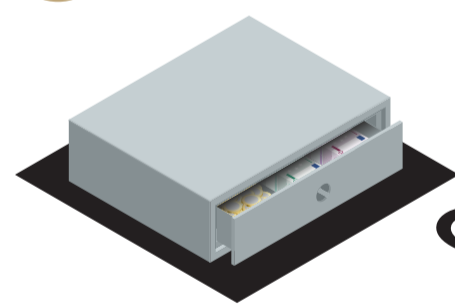
Board to Board PCB Connectors
Quality, reliable board to board range of connectors are critical for the central hub.

Router

Modular Jack (8P8C)
Ethernet over Twisted Pair has been the preferred method for high-speed network communication since 1984. Shielded variants helps prevent against signal interference.
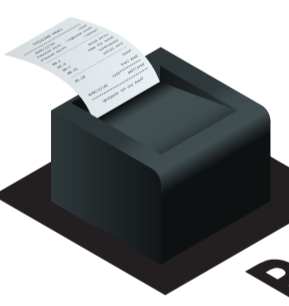
Telephone

DC Power Jack
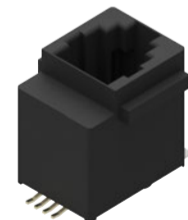Reliable power connection with 5.0A current rating.
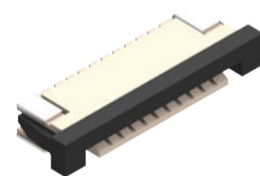
② Central Equipment

Cash Drawer

Modular Jack (4P4C)
Combined with twisted pair cabelling, the 4P4C 'Data Port' sends and receives the signal to release the cash drawer.
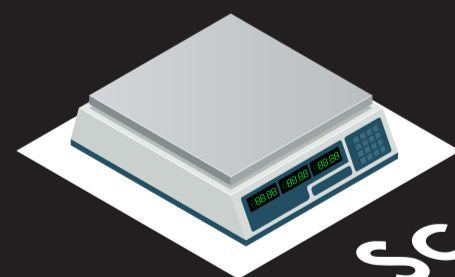
Printer

Flat Flexible Connectors & Cable
Compact receipt printers can often benefit from space-saving flat flexible connectors & cable assemblies with narrow pitches.
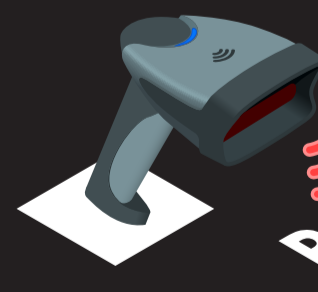
Tablet

USB Type-C
High speed data transfer and charging capabilities combined with reversible mating makes it ideal for mobile units in a time-critical environment.
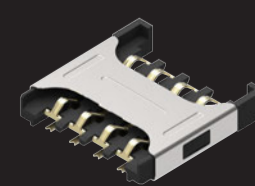
③ Interactive Peripherals

Scales

Full-Sized USB Type B
The standard connection for the device end of USB connections on large peripherals. Solid and dependable.

Barcode Scanner

Vertical Micro USB
Cost effective and robust, the connector orientation is ideal for docking and charging applications.

Payment Terminal

Micro SIM Connector
A necessity to transmit encrypted data securely. Micro profile perfect for mobile devices.

GCT's core product range is well positioned to facilitate the design of these devices, providing excellent connectivity technology that is critical for the success of any EPOS infrastructure.

for more information, visit

gct.co

PAY

* GCT Research
* RBR Research 2016