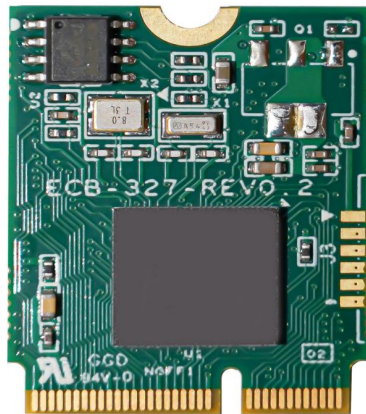




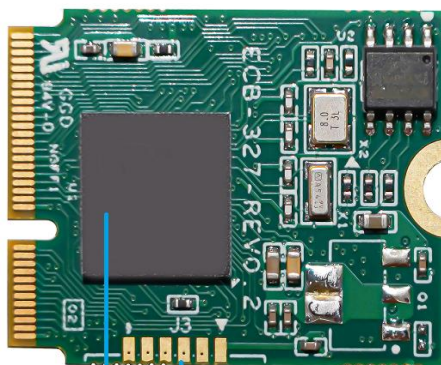
Key Features

- CSCB2400 BMC IC, IPMI specifications System
- Support FPU、MPU AES/HASH/TRNG
- M.2 2230 KEY-E Module
- Asset management
- Remote control
- Fault diagnosis
- System monitoring
- Event logsand alarms
- Interface management

Product Overview

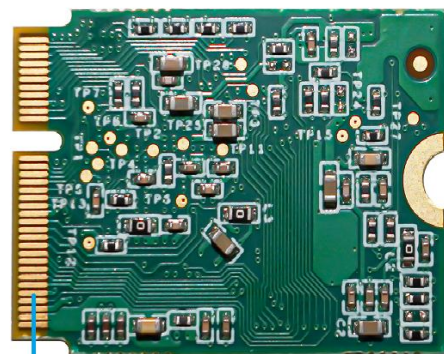
ECB-327 is an independent service processing module based on BMC chip that meets IPMI specifications. Real time monitoring of server power supply through built-in sensor network CPU、Hardware status data such as memory, hard disk, and environmental parameters, and support out of band communication with the motherboard through the baseband management interface. Capable of remote power on/off control, firmware updates, event logging, and fault diagnosis in functional implementation, widely used in scenarios such as data center server cluster monitoring and remote maintenance of distributed devices

Interface Distribution



BMC IC

Debug Wafer



M.2 KEY-E Golden Finger

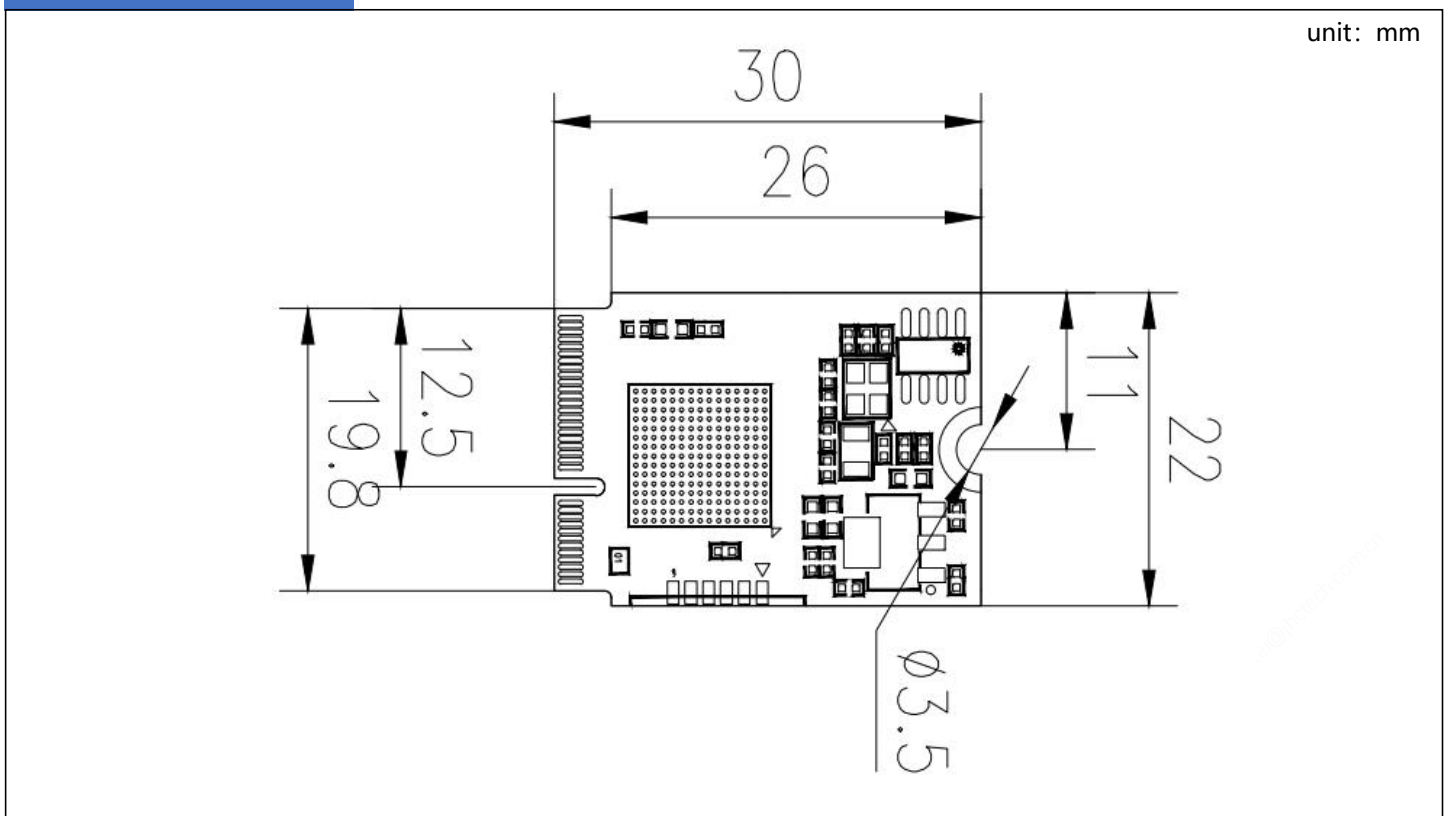
Specifications

Model	ECB-327
BMC System	CSCB2400 IC, Meets IPMI specifications, Support FPU、MPU AES/HASH/TRNG
Interface	M.2 KEY-E Golden Finger
Operation Temperature	0 ~ 60°C
Storage Temperature	-20 ~ 75°C
Humidity	5 ~95%@40°C, non-condensing
Mechanical Dimension	30mm*22mm
Height	PCB: 0.8mm

Functional Description

Asset management	System: On-off status, motherboard serial number, BIOS version CPU: CPU model, number of cores, frequency, cache DIMM: Memory channel and capacity SSD: Disk media, capacity, disk type, controller mode, manufacturer NIC: Nic Device ID/Vendor ID and MAC address
Remote control	Power control Control part of the front panel LED light status Fan debugging mode (automatic or manual) BIOS setting
Fault diagnosis	Support latest 64 POST codes can be displayed Serial port of the SOL system redirects to the BMC LAN MCA BANK Crashlog Dump
System monitoring	Voltage: Vcore, CDDQ, 12V15V13.3V Temperature, CPU FAN and System FAN Speed , CPU Power State Critical hardware error Hardware watchdog, software watchdog Boot times, Service time
Event logs and alarms	Button on/off, restart; Remote on/off, restart System powered off abnormally Memory Faulty POST phase Sensor exceeds the threshold System downtime
Interface management	User management Provides IPMI 2.0 command management interface Provides Web pages for remote basic management and supports HTTPS/TLS encryption Supports shared management network ports implemented using the NC-SI protocol

Overall dimensions



Order Information

Model	Specification Description
ECB-327	M.2 2230 KEY-E Module, CSCB2400 BMC IC, IPMI Firmware System, Support FPU、MPU AES/HASH/TRNG, M.2 Golden Finger Pin, Asset management, Remote control, Fault diagnosis, System monitoring, Event logs and alarms, Interface management