

PRODUCT BRIEF

Presentation

Unigate is a Linux based MDB device with Master, Slave/Peripheral and Sniffing capabilities. It features additional IOs for special applications and can connect via ethernet to a host or cloud. Due to the embedded, low-power design and high reliability, it is perfect to be used in payment and remote machine monitoring applications. Unigate was designed as a cost effective option to implement custom solutions for MDB Systems.



Features

- Embedded MDB Device, with VMC and/or Peripheral capability, targeted for Custom MDB Applications;
- Full-fledged Linux (Openembed/Yocto);
- Capable of performing any MDB operation as well as sniffing the Bus remotely;
- Network 10/100;
- Includes Software Controllable Relays, to be used in Pulse driven applications;
- Developed and Manufactured in the EU;

Use Cases

- Accept Cashless Payments to control a Relay that can activate any dry contact system (e.g. automatic doors, washing machines, etc);
- Remotely examine the MDB Bus on a given vending machine, identify and alert for errors in the bus;
- Send/Retrieve EVA-DTS (European Vending Association - Data Transfer Standard, used to retrieve audit data or sending configurations to vending machines) files to/from FTL (File Transfer Layer) capable vending machines;
- Web Controllable Custom vending machine;

UNIGATE

TECHNICAL SPECIFICATIONS

Interfaces

MDB VMC and Peripheral capability;
2 Relay outputs;
2 Contact Closure inputs;
2 USB Ports;
RS232 Connector (3-Wire);
Ethernet

CPU

BARIX IPAM

Power Requirements

9..40V Wide-range Power Supply

User Interface

4x LED Status (TX & RX)
1x LED 5V Power Status

Measurement/Mechanics

106mm x 85mm x 32mm
DIN Rail Mountable Case

Weight

120g

Warranty

2 years

ENVIRONMENTAL

Operating Environment

0°C to + 50° / 32 to 122°F environmental
0 - 70% relative humidity, non-condensing

Storage Conditions

-20°C to + 70° / -4 to 158°F
0 - 70% relative humidity, non-condensing

CERTIFICATIONS

CE, RoHS

ORDERING INFORMATION

ORDER NUMBER P0041Q

For commercial related questions
(distributors contacts, price list, business
opportunities) please contact **sales@qiba.pt**

For technical inquiries (problem reports,
request for documentation, etc.) please
contact **info@qiba.pt**