GE MINI FIELD AGENT

Product Data Sheet

ICMFA000000-ABAC

Industrial edge data gateway

PROCESSOR	RAM	FLASH MEMORY	TAG CAPACITY
800 MHz ARM A8	**512 MB DDR3**	**2 GB**	**Up to 1000**

GE ICMFA000000-ABAC is a Mini Field Agent industrial gateway for collecting asset data and making it available for local or cloud analytics. The platform combines an 800 MHz ARM A8 processor with 512 MB DDR3 memory and 2 GB flash storage in a compact industrial unit.

01 TECHNICAL DATA

Processor	800 MHz ARM A8
RAM	512 MB DDR3
Flash memory	2 GB
Tag capacity	Up to 1000
Ethernet ports	4 × 10/100
Serial ports	RS232 and RS485
Additional bus	CAN
Peripheral interface	USB
Removable storage	MicroSD
Standard protocols	Modbus TCP; OPC-UA

02 ADDITIONAL PRODUCT DATA

Operating software	Linux; Predix Machine
DC input range	9–30 V DC
Supply consumption	250 mA at 24 V DC
Ambient temperature	–40 to +70 °C
Base-model wireless option	ICMFA000000: no WiFi

03 PRODUCT FUNCTION

The Mini Field Agent provides four 10/100 Ethernet ports, RS232, RS485, CAN, USB and MicroSD interfaces, with standard Modbus TCP and OPC-UA connectivity for up to 1000 tags. It accepts 9–30 V DC and runs Linux with Predix Machine. GE lists the ICMFA000000 base variant without WiFi; the ABAC suffix is retained as supplied assembly identification.

04 SYSTEM COMPATIBILITY

Plan the four 10/100 Ethernet connections separately from the RS232, RS485 and CAN interfaces. USB and MicroSD provide additional peripheral and storage connections. GE lists ICMFA000000 as the no-WiFi version, so wireless features shown for neighboring catalog variants must not be transferred to this base model.

05 DOCUMENT BASIS

General Electric manufacturer documentation: ICMFA000000-ABAC.pdf. Selected source pages: 1, 2.

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**