

# GM-8259UD16-V2E(D0)

## Function:

Intel® Core™ i5-8259U Processor Intel® Iris® Plus Graphics 655  
 1xDDR4-2400 SO-DIMM memory, up to 32GB  
 VGA, EDP, EDP/LVDS(EDP) Support three-screen synchronous/asynchronous display 2xUSB3.1, 8xUSB2.0  
 6xCOM, 1xLPT, 1xPS/2  
 1xRJ45 LAN, 1xMini-PCle  
 1xSATA, 1xM.2  
 Support functions such as watchdog, wake-up on LAN and diskless boot  
 Suitable for industries such as retail, self-service, kiosk and industrial control。



## Specifications

Processor System	
PCB	MINI-ITX
CPU	Intel® Core™ i5-8259U 4C/8T 2.30GHz 6M Max Turbo 3.80 GHz
Memory	
Slot Number	1
Type	DDR4-2400
Max Size	32GB
Channels	1
Graphics	
Controller	Intel® HD Graphics
VGA	1xVGA port, 1xJVGA Wafer
HDMI	0
EDP	1, maximum support 1920*1080
Multi Display	3
Storage	
SATA	1
M.2	1, ( Key-M, 2280, compatible with SATA&PCI-E protocol)
COM	
Port Number	6xHeader
Mode	COM2、COM3, RS485 mode can be selected by jumper
PWR	COM2, COM, 3 5V/12V live can be selected by jumper
Expansion Slot	
Mini-PCle	1, ( support WIFI&BT、3G/4G)

IO & Connector	
Rear I/O	1xDC_IN
	1xVGA, 1xHDMI 2xUSB2.0(1 dual USB2.0 port, share with Lay RJ45) 2xUSB3.1(1 dual USB3.1 port)
	1xRJ45
	1xLine-out, 1xMic-in
Internal Connector	1xINVERT, 1xEDP, 1x(EDP/LVDS), 1xJVGA
	6xJCOM
	USB2.0: 3xHeader ( 6xPorts )
	1xF_AUDIO
	1xAmplifier(1xJSPK, 2W8Ω)
	1xSATA3.0
	1xSATA_PWR, 1xM.2
	1xMini-PCle, 1xSIM, 1xGPIO
	1xJLPT、1xJPS/2
	1xF_PANEL, 1xCPU_FAN, 1xSYS_FAN
1xDC_IN ( 4Pin compatible with horizontal and Phoenix terminals ), 1xDebug	
Mechanical & Environment	
Dimension	170x170mm
PWR Input	(DC-Jack)+4 Pin Connector
Operation	-10~50℃, -5%~95%RH, non-condensing

## Order Information

model						
GM-8259UD16-V2E(D0)	Intel® Core™ i5-8259U 4C/8T 1.10GHz(Turbo 3.80GHz) 6MB	1xRJ45 LAN	10xUSB(2xUSB3.1)	6xCOM	1x(EDP+VGA+SIM)	1xEDP/LVDS(EDP)
GM-10210UD26-V2E(V0)	Intel® Core™ i5-10210U 4C/8T 1.60GHz(Turbo 4.20GHz) 6MB	2xRJ45 LAN	8xUSB(2xUSB3.1)	6xCOM	1x(EDP+VGA+SIM)	1xEDP/LVDS(EDP)
GM-8260UD16-VHL(D0)	Intel® Core™ i5-8260U 4C/8T 1.60GHz(Turbo 3.90GHz) 6MB	1xRJ45 LAN	10xUSB(2xUSB3.1)	6xCOM	1x(HDMI+VGA+SIM)	1xEDP/LVDS(LVDS)