

# GM-1135D16-L

## Features

- ◆ Adopt Intel® Tiger Lake UP3 series processor
- ◆ Intel® Iris® Xe Graphics (high-performance core display)
- ◆ 1×DDR4 3200MHz SO-DIMM memory, maximum support 16GB
- ◆ VGA, LVDS, EDP, HDMI support four-screen synchronous/asynchronous display
- ◆ 2×USB3.0, 8×USB2.0 , 6×COM, 1×LPT, 1×PS/2
- ◆ 1×RJ45 LAN (RTL8111H PCIe bus card chip), 1×Mini-PCIe
- ◆ 1×M.2 M Key, 1×SATA
- ◆ Active fan cooling module, high-efficiency cooling, powerful system performance
- ◆ Suitable for retail, self-service, all-in-one machine and industrial control industries



## Specification



### Processor System

CPU	Intel® Core™ i5 1135G7 4C/8T 2.4GHz 8M Max Turbo 4.20 GHz
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### Memory

Slot Number	1
Type	DDR4 SO-DIMM 3200MHz
Max Size	16GB
Channels	Single Channel

### Graphics

Controller	Intel® Iris® Xe Graphics
VGA	1×Header
HDMI	1×Port ,1×Header, (shared signal, not support simultaneous use )
LVDS	1×Header
EDP	1×Header
Multi Display	Quad-Display

### Storage

SATA	1
M.2	1 , Key M 2242/2280

### COM

Port Number	1×DB9 ( male head ) , 5×Header
Mode	6×RS232 , COM2 support RS232/RS485
PWR	COM2&COM3 support RI/5V/12V optional

### Expansion Slot

Mini-PCIe	1( No USB signal by default, multiplexed with 2-4-6-8pin of JUSB3 )
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### IO & Connector

Rear IO	1×DC Jack
	1×HDMI
	1×COM ( DB9 )
	2×USB3.0 , 2×USB2.0
	1×RJ45 1000M LAN ( RTL8111H )
Internal Connector	1×Line-out , 1×Mic-in
	1×LVDS , 1×JVGA , 1×EDP , 1×JHDMI
	1×Mini-PCIe , 1×SIM ( No effect by default )
	1×F_Audio , 1×JSPK
	5×JCOM
	1×JPS/2 , 1×JLPT
	3×JUSB , Expandable 6×USB2.0 interface
	1×SATA , 1×M.2 Key M
	1×F_PANEL , 1×Debug , 1×JGPIO
	1×CPU_FAN、 1×SYS_FAN
1×SATA_PWR , 1×INVERT	
1×DC_IN	

### Mechanical & Environment

Dimension	170×170mm
PWR Input	DC12V
Operation	0~50℃ , 10%~90%RH , non-condensing
Storage	-25~75℃ , 5%~95%RH , non-condensing

## Product offerings

Product name	Configuration
GM-6305D16-E2	Celeron® 6305 2C/2T 1.8GHz 4MB 1×1000M LAN 10×USB(2×USB3.0) 6×COM 2×EDP
GM-7505D16-L	Pentium® Gold 7505 2C/4T 2.0GHz(Turbo 3.5GHz) 4MB 1×1000M LAN 10×USB(2×USB3.0) 6×COM 1×LVDS 1×EDP
GM-1115D26-L	Core™ i3-1115G4 2C/4T 3.0GHz(Turbo 4.1GHz) 6MB 2×1000M LAN 8×USB(2×USB3.0) 6×COM 1×LVDS 1×EDP
GM-1115D16-L	Core™ i3-1115G4 2C/4T 3.0GHz(Turbo 4.1GHz) 6MB 1×1000M LAN 10×USB(2×USB3.0) 6×COM 1×LVDS 1×EDP
GM-1135D16-L	Core™ i5-1135G7 4C/8T 2.4GHz(Turbo 4.20 GHz) 8M 1×1000M LAN 10×USB(2×USB3.0) 6×COM 1×LVDS 1×EDP