

GES-AI18C01

18.5 inch Intel® J1900/J6412 or Core® i3/i5/i7 CPU Panel PC

Features

- Intel J1900/J6412 or Core®i3/i5/i7 CPUs Optional
- 4GB Memory (Supports 8GB/16GB/32GB Optional)
- 64GB Storage (Supports 128GB/256GB/512GB/1TB Optional)
- Support 4x USB, 2x RS232, 1x HDMI, 1x VGA Interface
- Support 12VDC Input
- 18.5 inch Capacitive 10 Points Touch Screen
- Resolution 1920x 1080
- Support 100x100 VESA Mount Design
- Support Windows 10 and Ubuntu

Appearance





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Revision Table

Date	Revision	Content	By
2024/10/29	0.1	First Draft	Leon

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Specification

System	
CPU	Intel® J1900/J6412, Core® i3/i5/i7 CPU Optional
Memory	4GB (8GB/16GB/32GB Optional)
Storage	64GB SSD (128GB/256GB/512GB/1TB Optional)
Graphics	Integrated Intel® HD Graphics
Ethernet	1x Realtek RTL 8111E Gigabit Ethernet Controller, Bluetooth
Interface	4x USB (Support 6x USB, USB and LAN2 are Mutually Exclusive) 1x RJ45 Gigabit Network Port (Dual RJ45 Network Ports Optional) 2x RS232 Serial Ports (6x RS232 Serial Ports Optional) 1x VGA 1x HDMI 1x Line-Out Port 1x MIC In Port 1x Power Switch Button with LED
Expansion	2x Mini-PCIe Expansion Slots, Support WIFI/3G/4G/MSTA/GPS
OS	Windows 10 and Ubuntu
Power	1x 12V DC Power Input 1x 9~36V DC Phoenix Connector (Optional)
LCD Panel	
Panel Size	18.5 inch
Backlight	LED Backlight
Resolution	1920 x 1080
Brightness	250 nits
Color	16.7M
Touch Screen	
Touch Type	Capacitive 10 points Multi Touch Screen

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Specification

Housing	
IP Rating	IP65 Front
Material	Aluminum
Color	Pantone: Black C (Print Spray)
Mounting	100x100 VESA Mount
Dimension	According to Design Drawings

Environment Compliance

Operating Temp.	-10°C to +60°C
Storage Temp.	-20°C to +70°C
Humidity	Ta≤40°C, 95%RH, non-condensing
Certifications	CE/FCC/RoHS
Vibration Protection	5-500 Hz, 0.026 G ² /Hz, 2.16 Grms, X, Y, Z, 1 hour per axis

Environmental performance may vary according to the integration method or final integration scenario.

Deliverables

No.	Item
1	18.5 inch Intel® J1900/J6412 or Core® i3/i5/i7 CPU Panel PC
2	Power Adapter
3	WIFI Antenna

GES-AI18C01

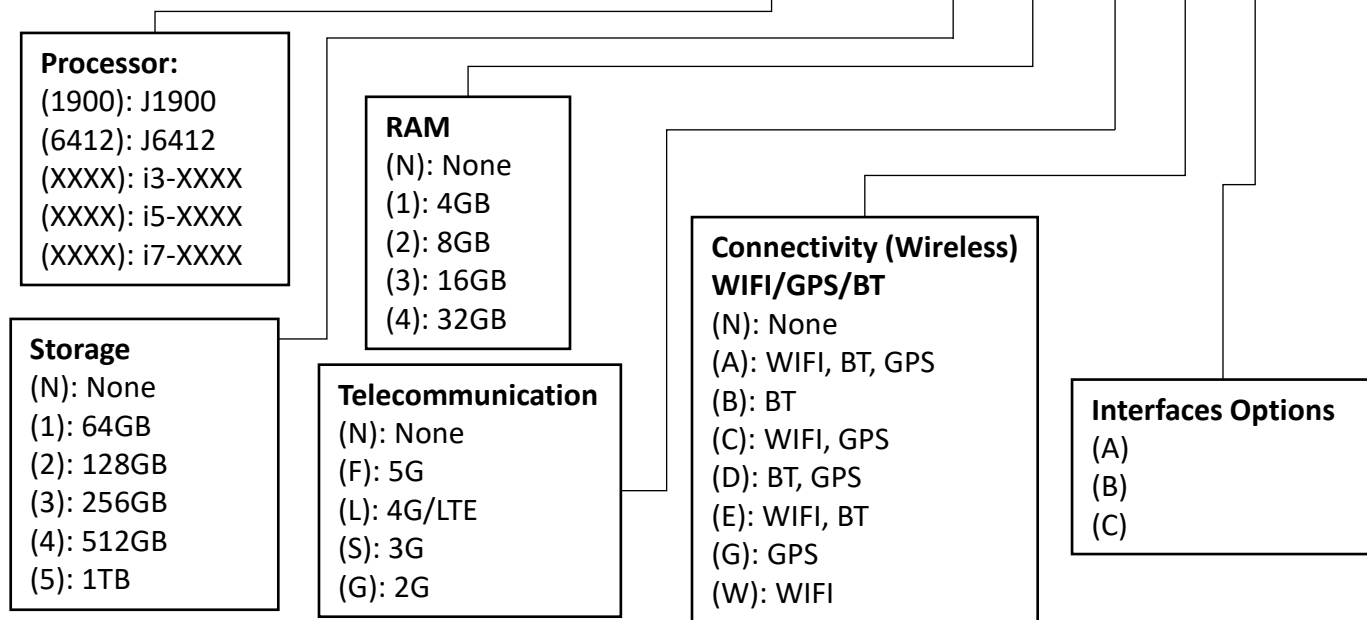
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Ordering Information

Model Name	Description	Unit
GES-AI18C01	18.5 inch Intel® J1900/J6412 or Core® i3/i5/i7 CPU Panel PC	1

Ordering Details

GES-AI18C01 - P P P P S M T C X



Example: GES-AI18C01-190031LE

18.5 inch Intel® J1900/J6412 or Core® i3/i5/i7 CPU Panel PC, with Intel® J1900 CPU, 256GB Storage, 4GB RAM, 4G/LTE, WIFI, BT

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