

GES-AI15C

15" Capacitive Touch Panel PC

J1900/J4125/J6412

Intel Core i3/i5/i7

Features

- J1900/J4125/J6412 or Intel Core i3/i5/i7
- Integrated Intel SOC Chipset
- Memory: 4GB/8GB/16GB/32GB Optional
- 64GB SSD (128GB, 256GB, 512GB, and 1TB Optional)
- Display: 15" Resolution: 1024 x 768
- Integrated Intel HD Graphics, Supporting 1080p HD
- Brightness: 300-350 nits (Optional 1000 nits)
- 10 Points Projective Capacitive Touch with USB Interface
- 1x Realtek RTL 8111E Gigabit Ethernet
- Supports USB, HDMI, VGA, LAN (Optional Dual LAN), EAR, RS232(6x COM Optional), MIC

Appearance





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Revision Table

Date	Revision	Content	By
2024/10/29	0.1	Panel PC Datasheet	Leon

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Specification

PC	
CPU	J1900/J4125/J6412, Intel Core i3/i5/i7 Optional
Chipset	Integrated Intel SOC Chipset
Memory	4GB (8GB/16GB/32GB Optional)
Storage	64GB SSD (128GB/256GB/512GB/1TB Optional)
Graphics	Integrated HD Graphics, Supports 1080p HD Photo Quality
Ethernet	1x Realtek RTL 8111E Gigabit Ethernet Controller
Audio	Realtek ALC662, High Definition Audio (HD), Line In, Line Out
Expansion	2x Mini-PCIe Expansion Slots, Support WiFi/3G/4G/MSTA/GPS
I/O	4x USB 1x HDMI 1x VGA 1x LAN (2LAN Optional) 1x EAR 2x RS232 (6x COM Optional) 1x MIC 1x Power DC12V (9-36V Optional)
LCD Panel	
Panel Size	15"
Display Ratio	4:3
Resolution	1024 x 768
Brightness	300-350nits (1000nits Optional)
Response Time	15ms
Contrast Ratio	800:1
View Angle	85°/85°/85°/85° (R/L/U/D)

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Touch Panel	
Touchscreen	10 Points Projective Capacitive Touch
Touch Interface	USB
Response Time	< 8ms
Luminousness	75~85%
Protection	IP65
Power Supply	
External Power Supply	AC 100~240V
Working Voltage	DC 12V
Power consumption	≤ 60W
Accessories	Power Adapter, WIFI Antenna
Support OS	Windows 10 pro

Environment Compliance

Operating Temp.	-10°C ~ 60°C
Storage Temp.	-20°C ~ 70°C
Humidity	5% to 95%RH, Non-Condensing
Vibration	5-500 Hz, 0.026 G ² /Hz, 2.16 Grms, X, Y, Z, 1 Hour per Axis
Certification	CE, FCC, RoHS
Dimension	378* 297* 10.25mm

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

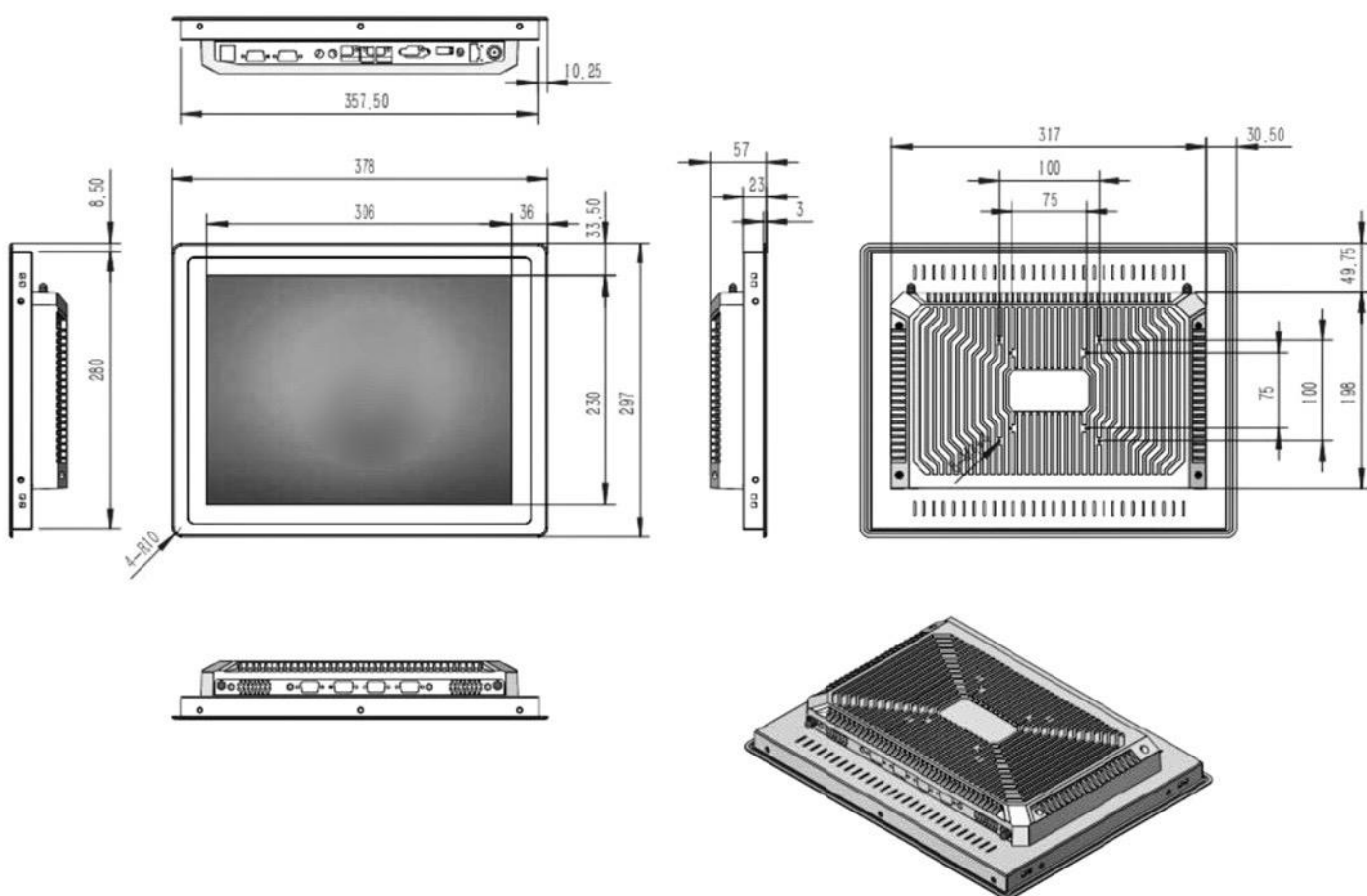
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Design Drawings Reference





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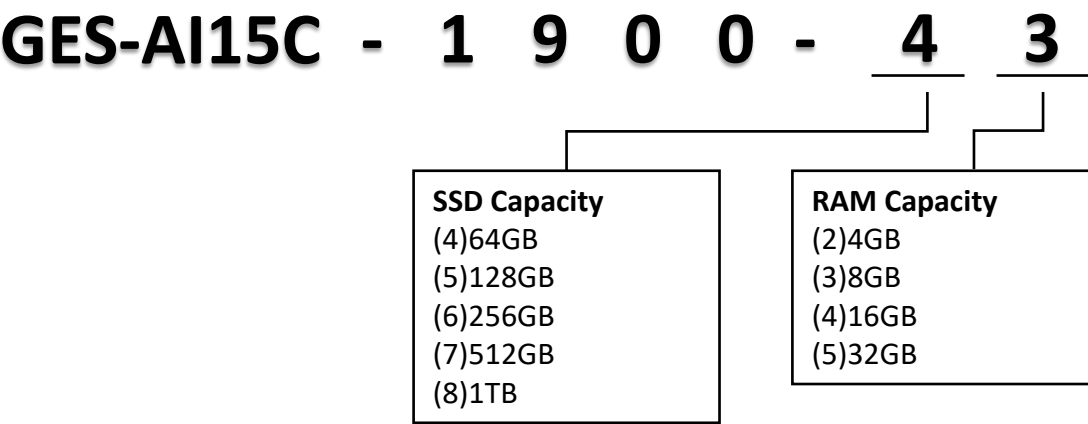
Deliverables

1	Intel Panel PC
2	Power Adapter
3	WIFI Antenna

Ordering Information

Model Name	Description	Unit
GES-AI15C-1900-43	Intel J1900 Panel PC	1

Ordering Details



Example: GES-AI15C-1900-43
Intel J1900 Panel PC with 64GB SSD, 8GB RAM