

R19IAD7T-CHA1

19" Intel® Core™ i9/i7/i5/i3 (Alder Lake S) Chassis Panel PC



CE

FC

KEY FEATURES

- 19" 1280 x 1024 Resolution Chassis Panel PC
- 12th Gen Intel® Core™ Alder Lake S i9 / i7 / i5 / i3 processor
- 2 x SODIMM, DDR5 4800MHz, support up to 64GB (Max. 32GB for each slot)
- Integrated Dual 2.5 Gigabit Ethernet
- Multi display supports DP 1.4a / HDMI 2.0b (Optional)
- Multiple I/Os, 4 x USB 3.2 Gen2x1, 2 x Serial Ports
- 12 V DC Power input

INTRODUCTION

Winmate Chassis Panel PC Series offers robust and versatile solutions for industrial applications, available in sizes from 7" to 24". Designed for reliability, these PCs feature a wide range of operating systems, advanced display interfaces, and front IP65 protection. With multiple I/O options, support for DP, HDMI, LVDS, and eDP interfaces, and flexible storage configurations, they are ideal for control rooms, kiosks, and factory automation. The rugged design and wide operating temperature range ensure durability in challenging environments.

SPECIFICATIONS

Display

Resolution	1280x1024	Size	19.0 inches
Contrast Ratio	1000:1	Panel Brightness	400.0 nits
View Angles	85,85,80,80	Active Area	376.32x301.06 mm
Touch / Glass	Resistive Touch Screen (Optional) Protection Glass Without Touch Function (Optional)		

System Specification

WLAN	Support (Optional)	BT	Support (Optional)
Processor	Intel® Core™ i3-12100TE(up to 4.00GHz) Intel® Core™ i5-12500TE(up to 4.3GHz) (Optional) Intel® Core™ i7-12700TE(up to 4.6GHz) (Optional) Intel® Core™ i9-12900TE(up to 4.80GHz) (Optional) Intel® Core™ i3-14100T(up to 4.4GHz) (Optional) Intel® Core™ i5-14500T(up to 4.8GHz) (Optional) Intel® Core™ i7-14700T(up to 5.2GHz) (Optional) Intel® Core™ i9-14900T(up to 5.5GHz) (Optional)	Chipset	Intel® R680E
Memory	2 x SO-DIMM, DDR5 4800 MHz, 8GB 16GB (Optional) 32GB (Optional) 64GB (Optional)	Storage	1 x M.2 2280 M-Key NVMe SSD 256GB 512GB (Optional) 1TB (Optional) 2TB (Optional) 2 x SATA III for 2.5" SSD/HDD (Optional)
Ethernet controller	2 x Intel® Ethernet Controller	Security	TPM 2.0
Operating System	Windows 11 IoT Enterprise (64 bit) (Optional) Windows 11 Pro 64 bit (Optional) Linux Ubuntu 22.04(Do not support Wake on Touch) (Optional)		

Mechanical

Dimension	432 x 363 x 79 mm	Weight	7.0 kg
Mounting	VESA mount	Enclosure	Metal Housing
Cooling System	Fan Design		

Environment

Operating Humidity	10% to 90% RH, Non-Condensing	Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to 60°C		

Certification

Certification	CE, FCC
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IO Ports

Power Input	1 x 12V DC, Din4 pin connector	USB Port	4 x USB 3.2 Gen2x1 (10Gbps, TypeA) (R680E/Q670E version) 4 x USB 3.2 Gen1x1 (5Gbps, TypeA) (H610E version)
Serial Port	1 x RS232/422/485 (Default RS232) 1 x RS232	Video	1 x DP1.4a DP++ , Max resolution up to 4096x2160@60Hz 1 x HDMI 2.0b , Max resolution up to 4096x2160@60Hz (Optional)
Audio	Mic in Line out	Expansion Port	1 x M.2 2280 M-Key Slot (for NVME SSD) 1 x M.2 2230 E-Key Slot (for Wi-Fi module)
LAN	2 x 2.5 Giga LAN RJ45 Connector		

Control

Button	1 x Power Button 1 x Reset Button
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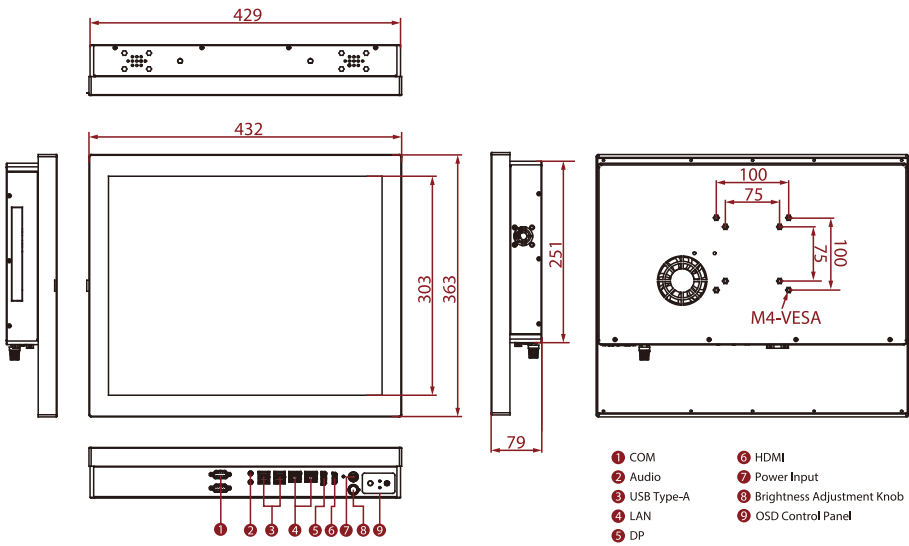
Accessory

Accessory	100~240V AC to DC Adapter Power Cord VESA screws
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Power

Power Rating	12V DC	Adapter	12V 220W
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DIMENSIONS UNIT:MM



NOTE

- 1.This is a simplified drawing and some components are not marked in detail.
- 2.Please contact our sales representative if you need further product information.
- 3.All specifications are subject to change without prior notice.
- 4.The product shown in this datasheet is a standard model.For diagrams that contain customized or optional I/ O, please contact the Winmate Sales Team for more information.

Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.



AutoCont IPC a.s.

Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

 Uhlířská 1064/3, 710 00 Ostrava, Česká republika

 obchod@autocont-ipc.cz

 +420 552 301 002

 www.autocont-ipc.cz



PRŮMYSLOVÉ POČÍTAČE

fanless embedded PC, do racku, ...



POČÍTAČE S DISPLEJEM

panelové PC, terminály, do vozidel, ...



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převodníky, karty, moduly, switche, ...



PERIFERIE A KOMPONENTY

monitory, klávesnice, desky, skříně, ...



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odolné, windows, android, IP65, ...



INFORMAČNÍ KIOSKY

interiérové, venkovní, ...



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počítače, tablety, LCD, klávesnice, ...



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pro výrobu, zaměstnance, kiosky, ...



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eshop.autocont-ipc.cz



DOPRAVA ZDARMA

Doprava zdarma v ČR a SR při objednávce nad 10 000 Kč bez DPH nebo nad 400 EUR.



PRODLOUŽENÁ ZÁRUKA

Záruka 2 roky na vyráběné počítače s možností jejího prodloužení až na 5 let.



ODMĚNA ZA VĚRNOST

Pravidelní zákazníci u nás nakupují za nižší ceny. Výše slevy se odvíjí od realizovaného obrátu.



SERVIS ON-SITE A IN-TIME

K projektovým dodávkám nabízíme rozšířenou podporu a servis s garancí výměny zařízení do 48 hodin.