

R17IK3S-RKA1ML

17" Intel® Core™ i5-7200U Defence Console Rack Panel PC



KEY FEATURES

- 17" SXGA TFT LCD
- Intel® Core™ i5-7200U 2.5 GHz Processor
- Anti-Corrosion Housing / Fanless
- Compliant with MIL-STD-810G/F, MIL-STD-461E/F
- Flush Rack / Rack Mount Mechanical Design (8U)
- Convenient On-Screen Display Controls
- AC 110~240 V Power input default
- Isolation DC 9~36 V Power input (Optional)
- Built-in Light Sensor for auto brightness control
- Defence Grade Power Connector (MIL-DTL-38999/1)

INTRODUCTION

Winmate Defence Console Rack Panel PC Series is a robust solution designed for mission-critical applications in defense and industrial environments. Available in sizes from 15" to 32", these systems feature Intel® processors, fanless anti-corrosion housing, and projective touch screens for seamless operation. With MIL-STD-810G/F and MIL-STD-461E/F/G compliance, they ensure reliability in extreme conditions. The rack-mount (8U) design, on-screen display controls, and optional isolation DC power input provide versatility, making them ideal for command centers, control rooms, and rugged field deployments.

SPECIFICATIONS

Display

Resolution	1280x1024	Size	17.0 inches
Contrast Ratio	1000:1	Panel Brightness	350.0 nits
View Angles	85,85,80,80	Active Area	337.920x270.336 mm
Touch / Glass	AR Protection Glass 5 Wires Resistive Touch (Optional) 5 Wire Resistive with EMI Mesh Filter (Optional) EMI Glass (Optional)		

System Specification

Processor	Intel Core i5-7300U 2.6GHz (up to 3.5GHz)	Memory	1 x SO-DIMM, DDR4 2133 MHz, 4GB 8GB (Optional) 16GB (Optional)
Storage	1 x M.2 2242 SSD 128GB 256GB (Optional) 512GB (Optional)	Ethernet controller	2 x Intel® Ethernet Controller
Security	TPM 2.0	Operating System	Windows 10 IoT Enterprise (64 bit) (Optional) Linux Ubuntu 20.04 (Optional)
WLAN	Support (Optional)	BT	Support (Optional)

Environment

Operating Humidity	10% to 95% RH	Operating Temperature	-20°C~60°C
---------------------------	---------------	------------------------------	------------

Storage Temperature -30°C~70°C

Compliance

MIL-STD 461E/F/G	RE101 / RE102 CE101 / CE102 CS118 with EMI Glass / Touch(Optional) RS101 / RS 103 CS101 / CS 106 / CS 109 / CS 114 / CS 115 / CS 116	MIL-STD 810G/H	Vibration Method 514.6 Humidity Method 507.5 Transit Drop Method516.6
-------------------------	---	-----------------------	---

Certification

Certification CE, FCC

IO Ports

USB Port	2 x USB 3.0	Serial Port	1 x RS232/422/485 (Default RS232) 1 x RS232 (Optional)
Video	1 x HDMI (Optional)	LAN	2 x RJ45

Mechanical

Dimension	482 x 354 x 80 mm	Mounting	VESA Mount/ Panel Mount
Enclosure	Metal Housing with Aluminum Bezel	Cooling System	Fanless Design

Accessory

Accessory User Manual (Hardcopy)
CD-ROM with Driver Utility
Power Cord MIL-DTL-38999/1

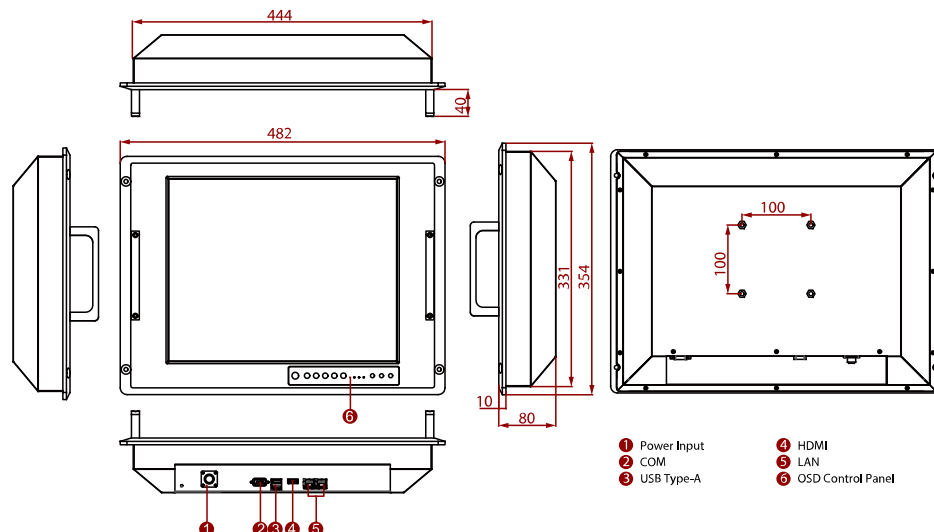
Power

Power Rating AC 100~240V, Universal, ±10%
DC 9~36V, ±10% (Optional)

Control

Button 8 Key OSD Control Pad:
Power, Brightness DOWN, Brightness UP,
Night, Day, Auto / Manual, Reset, Lock

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, ...



AUTOMATIZACE A SBĚR DAT

převodníky, karty, moduly, switche, ...



PERIFERIE A KOMPONENTY

monitory, klávesnice, desky, skříně, ...



NOTEBOOKY A TABLETY

odolné, windows, android, IP65, ...



INFORMAČNÍ KIOSKY

interiérové, venkovní, ...



MEDICÍNSKÁ TECHNIKA

počítače, tablety, LCD, klávesnice, ...



SOFTWAREVÁ ŘEŠENÍ

pro výrobu, zaměstnance, kiosky, ...



PŘEJÍT DO E-SHOPU

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.