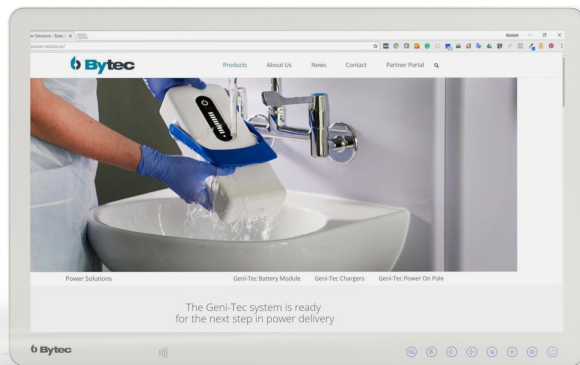




Product Description

Our range of high performance professional models have been specifically designed with the healthcare professional in mind. Built with a large internal heat sinking for longer life, the Rheda range comes with extended multiport isolation board as an option for use with various healthcare applications. Engineered with a fanless cooling system and a completely ventless design, Rheda 240P can delivery high quality images with dimmable backlight and a convenient reading light. Compatible with our GeniCart nursing carts, take advantage of our hot-swap power system to optimise your setup for 24/7 operational availability.



Features

- Intel Processors Celeron, i3-i5-i7 (6th Gen)
- 23.8" Full HD 1920 x 1080 display
- 10 point PCAP Multi-touch support
- Wide Viewing Angle
- Dual LED reading light bar
- Isolated USB x 2/ COM x 2/ LAN x 2 Ports
- Optional RFID/ NFC/Wifi/ BT module
- Fanless and Ventless Operation Design
- Anti-Microbial additive in housing
- Front panel IP65 sealed
- Slim design
- Touch to illuminate keypad

**Contact us for
configuration options
and part numbers.**

Other option available, please see our website for further information
or contact your local distributor.

If you are interested in our roll stands and carts, please enquiry for
further details



Specification

System

Processor Options Celeron 3955U i3-6100U i5-6300U i7-6600U

System chipset Integrated in Intel® Skylake ULT Processor
 System memory Default 8GB up to 16GB DDR4 2133 SDRAM
 TPM Infineon TPM 2.0
 Graphics Controller Intel® HD Graphics 520

Expansion

Expansion 1x Full size (Support half size, auto switch for mSATA, USB, PCIe signal) 1x Full size mini PCIe Slot support PCIe and USB signal on IET module

storage

HDD/SSD 1x 2.5" SATA3 128GB SSD

I/O

USB 4x USB3.0 4x USB 2.0 by pin header 2x USB 2.0 (isolated SKV). 1x USB2.0 by Pin header on IET module
 COM Port 1 x RS-232/422/485, 1 x RS-232 1 x RS-232 (Isolated 5KV), 1x RS-232/422/485 (Isolated 5KV) on IET module
 HDMI HDMI Video out on IET module

Reading light bar LED Type

Audio

Audio Interface Audio out and Mic
 Speaker output 2x 0.5W

Ethernet

LAN port 1x Intel r i219LM Gigabit ethernet 1x intel 1211AT Gigabit ethernet 2x intel 1210AT Ethernet (Isolated %KV) on IET module



Specification

Mechanical & Environmental

Dimensions (WxHxD)	521mm x 326mm x 59.0mm
Operating Temp	0° - 35° C (32° ~ 95° F)
Storage temp	-20° - 60° C (4° ~ 140° F)
weight	8.2 kg
Construction	Plastic
Additives	Anti-microbial and UV protection
IP rating	Front Panel IP65 Whole unit IPX1
Vibration test	With SSD/mSATA: 1.5G, IEC 60068-2-64, Random, 5~500Hz, 30 min/axis
Shock test	With SSD/mSATA 1.5G, IEC 60068-2-27, half sine, 11ms
Relative humidity	0%-90% relative humidity, non-condensing

Certification

Certification Information	EN60601-1, CE & FCC Class B CERTIFIED
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Software support

OS information	WINDOWS 7,8,8.1,10,LINUX
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Power requirements

Battery	1100mAh 4S1P (Optional)
Battery operating time adapter	Max 20 mins backup operation AC/DC medical power adaptor (delta MDS-090AAS24 B)



Specification

Panel

LCD Size LCD Panel resolution	23.8" 23.8" Wide colour TFT LCD (16:9) 1920x 1080 Full HD
Pixel pitch Luminance Contrast ratio Viewing angle Touch Type Touch controller Durability AG protection Glass LCD MTBF Front touch OSD Keypad	274.5 x 274.5 250cd/m2 (typical) 3000:1 178° Projective Capacitive 10-points USB interface, EETI EXC3000 Over 50 Million Touches 100% Anti Glare Coating 30,000 hours 8 key - power on/off, brightness up/down, reading light on/off, volume up/down, touch on/off and backlight on/off

Data Collection

Camera NDC	2.0M CMDS (Optional) USB interface support ISO 14443-A (optional)
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Wireless communication

WLAN Bluetooth	Mini PCIe interface IEEE 802.11 a/b/gm/ac draft 2.0 1T1R BT4.0+BLE (Optional)
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DC In/out Characteristics

Input Voltage Range Output range	100~240V ac, 1.5-0.75A, 50-60 Hz +24V dc, 3.75a MAX (90w)
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Notice

Bytec Healthcare takes reasonable steps to ensure that all technical information and recommendations disclosed in our datasheets, brochures and website are based upon our experience and research and are provided in good faith. Users shall independently determine the suitability of the products shown for their particular regional requirements and intended use, and will ensure that they meet the relevant regulations for the countries of use, as these may differ greatly from country to country. As such we accept no liability whatsoever for any inaccuracies herein disclosed. Please feel free to contact our technical teams, who would be delighted to advise you on specific regulatory issues. Bytec Healthcare reserves the right to alter, delete or make obsolete any product featured in its brochures, datasheet and website without prior notice. E&OE. © Copyright Bytec Healthcare Limited 2017 Rheda AIO is a trademark of Bytec Healthcare Ltd.

