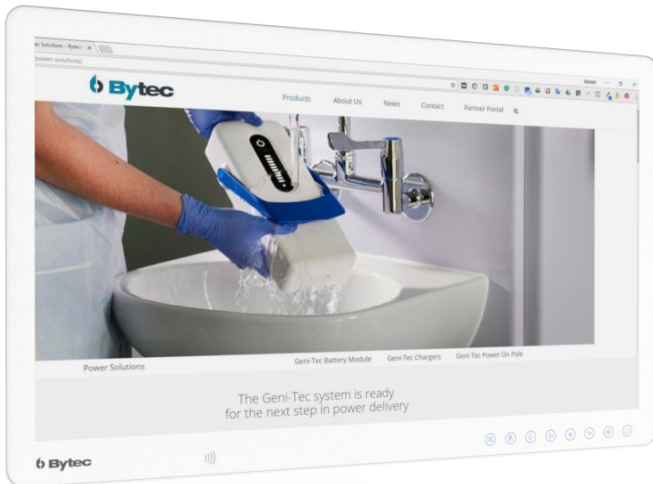# Rheda™ 240P PRO
Marketing Datasheet
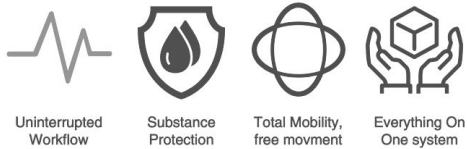### All-In-One AIO Computer

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 220P 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

Uninterrupted Workflow	Substance Protection	Total Mobility, free movment	Everything On One system

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

Size	Weight	SDRAM	Display	Light-Bar	Isolation	Vesa	Fanless
23.8"	8.3kg	8GB-16GB	1080p	Dual	RS-232/422/ 485	100mm/75 mm	YES

Customization

For customisation options please contact the sales team on +44 (0) 1737 378 820

Specification

System

Processor Options	Celeron 3955U i3-6100U i5-6300U i7-6600U
System chipset System memory TPM Graphics Controller	Integrated in Intel® Skylake ULT Processor Default 8GB up to 16GB DDR4 2133 SDRAM Infineon TPM 2.0 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 Speaker output	Audio out and Mic 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

Software support

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

Power requirements

Battery	1100mAh 4S1P (Optional)

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

Specification

Panel

LCD Size	23.8"
LCD Panel	23.8" Wide colour TFT LCD (16:9)
resolution	1920x 1080 Full HD

Pixel pitch	274.5 x 274.5
Luminance	250cd/m2 (typical)
Contrast ratio	3000:1
Viewing angle	178°
Touch Type	Projective Capacitive 10-points
Touch controller	USB interface, EETI EXC3000
Durability	Over 50 Million Touches
AG protection Glass	100% Anti Glare Coating
LCD MTBF	30,000 hours
Front touch OSD Keypad	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	2.0M CMDS (Optional)
NDC	USB interface support ISO 14443-A (optional)

Wireless communication

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

DC In/out Characteristics

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