BloodTrack® v5 Kiosk
Technical Data Sheet

Features

- An evolutionary design from the BloodTrack v4 Kiosk
- Antibacterial enclosure
- Integrated 1D & 2D barcode reader
- Multiple storage location control option

10.4" touch screen, slim profile design, modular peripherals

Specifications

Dimensions

Kiosk (h x w x d) in (mm)	11.4" x 12.4" x 7.6" (290 x 315 x 193)
Kiosk Weight	10.8 lbs. (4.9 kg)
Adjustable Stand (h x w x d) in (mm)	18.3" (max) x 16.7" x 9.8" [465 (max) x 424 x 250]
Stand Weight	10.6 lbs. (4.8 kg)

Wall bracket and/or desk stand option for mounting.

Computing System

Processor	Embedded VIA Eden® X4 Processor @ 1.2GHz
Chipset	VIA® VX11H Media System Processor
BIOS	AMI® UEFI BIOS 32 Mbit SPI flash memory
System power management	ACPI 3.0 compliant

System Memory

Technology	1 x DDR3 SODIMM socket
Capacity	4 GB SDRAM. Support for up to 8 GB memory size optional

Graphics

Controller	Integrated Chrome 640 (DX11) Graphics Processor with 2D/3D/Video Acceleration

LCD Display

LCD Type	10.4" Color TFT LCD panel
Resolution/Colour	800 x 600 @ 262 K
Pixel Pitch (mm)	0.2055 x 0.2055
Viewing Angle	80/80/60/70
Luminance (cd/m2)	Typical 230 cd/m2

Touch Screen

Type	5-wire analog resistive, continuous resolution
Controller	USB interface

Ethernet

Controller	1st VIA VT6130 PCIe Gigabit Ethernet Controller
	2nd Realtek® RTL8111G PCIe Gigabit Ethernet Controller
Interface	Support dual RJ45 connector Supports Wake On LAN (WOL)* Support Preboot Execution Environment (PXE)*

Audio

Controller	VIA VT2021 High Definition Audio Codec
Interface	Support Mic-in, Line-in, Speaker-out connections
Integrated Audio Amplifier	6 watt audio output
In-built Audio Microphone	Support for VoIP application*

Expansion I/O

2 mini-PCIe slot (supports 2 SIM slots)
Supports 3 external antenna of optional WLAN, 3G module, GPS module

Storage Interface

1 x mSATA with 64 GB SSD

Watchdog Timer optional

Output	System reset
Interval	Programmable 1~255 sec

I/O

2 x USB 2.0 ports for connection to peripherals
1 x reversible USB 2.0 port for engineering/support functions
1 x micro USB 2.0 port for future expansion
2 x USB 3.0 ports – internal
1 x mini HDMI port – internal
1 x VGA port - internal
2 x Gigabit Ethernet ports
3 x Audio jacks as Line-in, Speaker-out, Mic-In – internal
1 x System reset / Power on/off button
1 x Monitored emergency storage location access override button
2 x LED (red for HDD & green for power) - internal

HAEMONETICS®

Specifications

Power Supply

Reliability	Medical grade high reliability 60 W rated PSU MTBF 400,000 hours at full load at 25 °C ambient, calculated per MIL-HDBK-217F
System Power Consumption	Typical 30-35 W
Input Voltage	Universal 90-264VAC without operator intervention V-Lock cordset cord-retention IEC cable available with regional mains plugs
Input Power Protection	Support over-voltage protection Support over-current protection Support under-voltage protection
Energy	Low power consumption – 30 to 35 W Typical 80-88% Typical efficiency Solid state passive cooling

Environmental Specification

Operating Temperature	With mSATA Flash Drive: -10 - 50 °C
Storage Temperature	-20 °C - 70 °C
Relative Humidity	10% - 90% @ 45 °C, non-condensing
Vibration Loading	With mSATA Flash Drive 5 Grms, IEC 60068-2-64, random, 5 ~ 500Hz, 1 Oct./min, 1hr/axis
Shock During Operation	With mSATA Flash Drive 50G, IEC 60068-2-27, half size, 11ms duration

Operating System

Windows®	Windows Embedded Standard 7 support until October 2020 Windows 10 IoT LTSC support until January 2029

Integrated Peripherals

In-built audio microphone
1D & 2D Barcode Reader, presentation mode
Smart USB hub with in-built relay output for controlling storage location access
IEC mains input with V-Lock cord-retention safeguard
Audio amplifier and speaker output

Storage Location Control

Choice of connection to magnetic lock, contact output from storage device or data connection from storage device via serial port
Configuration capable of supporting either:
- One relay output and two serial port data connections
  - GBE-BLDTK5-1COMP-S part number variant
- Two relay outputs and one serial port data connection
  - GBE-BLDTK5-1COMP-R part number variant
- Three relay outputs
  - GBE-BLDTK5-1COMP-F part number variant

Relay control can be overridden by emergency access button

Optional Peripherals (* Optional extra)

Magnetic storage location door lock and actuator with sensor
Label printer*
802.11 A,B,G & N Wi-Fi module*

Mounting Options (* Optional extra)

Wall mount bracket supplied as standard
Standard VESA adapter*
Freestanding desk mount*

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