## Medical Carts

### Computerized Product Selection Guide

#### Computer

- **All-in-One System**
  - **CPU**: Intel Core i5-7300U 2.6GHz
  - **Memory**: 4 GB DDR4 SODIMM
  - **Storage**: 256 GB SATA SSD 128GB
  - **Display**: 21.5" 1920 x 1080 FHD
  - **WiFi**: Intel® Dual Band Wireless-AC 8265
- **Speaker**: 1.5 Watt x 2
- **IP Rating**: Front Panel: IP65
- **Operating System**: Win10 IoT

#### Embedded Computing System

- **CPU**: Intel® Core™ i7 6600U
- **Chipset**: 6th Gen Intel® Core™ Mini-ITX
- **Memory**: 4GB DDR4 SO-DIMM max16x2
- **Storage**: 2.5" SATA HDD 500 GB
- **WLAN**: Support Microsoft Windows 10

#### Base Cart

- **Footprint**: 19.7" x 18.5" (500 x 470 mm)
- **Casters**: 125mmx125mm (Anti-Static Medical casters, two locking, two non-locking)
- **Height Adjustment Range**: 35.0" ~ 48" (887 ~ 1217 mm); Stroke 330mm
- **Display Holder**: Standard VESA Mount (VEGA 75/75; VESA 100/100)
- **I/O Ports**: USB3.0 ports x 4, Gigabit Ethernet Interface (RJ-45) x 1
- **Dashboard**: Battery power button
- **Battery Type**: Lithium-ion
- **Capacity**: 420Wh
- **Power Input Voltage**: 100-240Vac, 50-60Hz, Max 4.5A
- **Battery Life SPAN**: Capacity 80%, 2000cycles or 2 years (Depends on which term come first)
- **Battery Charge Time**: < 3hr. DOD 100%
- **Battery Runtime (Depends on system configuration)**: 8~10 Hours

#### Battery Manager Software

- **AMiS_Link**:
  - Battery capacity indicator
  - Alerts (battery capacity, temperature, warning)
  - Battery Life cycle statistics
  - Report & log file
  - Client Installation
  - Server Installation (Optional)
  - Multi-language support, including Chinese Traditional, Chinese Simple, English, German and Dutch

#### Certificate

- **AMiS-50E**
  - CE, FCC, IEC60601-1 Compliance

#### Power Module

- **Battery Type**: Lithium-ion
- **Battery Capacity**: 420Wh
- **Power Input Voltage**: System 1: 19 VDC, Max. 6 A
  - System 2: 12 VDC, Max. 5 A
- **Battery Life SPAN**: Capacity 80%, 2000cycles or 2 years (Depends on which term come first)
- **Battery Charge Time**: < 3hr. DOD 100%
- **Battery Runtime (Depends on system configuration)**: 8~10 Hours

#### E-Medication Box

- **Level/Weight**: 4/13.2 kg
- **Box Dimensions**:
  - Single Bin: W 466 * D 295 * H 60 (mm)
  - Double Bin: W 190 * D 295 * H 140 (mm)
  - Extra Loading Capacity: Up to 66 lb/20 kg
- **Electronic (Individual) Lock on Each Bin**:
  - Lock-Mechanism: Electronical (individual) lock on each bin controlled by pc.
  - Lock-Override: Manual open all the bins by key.

#### Demo AP

- **Basic System**
  - Patient Medication Administration System
  - E-Medication Management System
  - Medication Recording System
  - a demo application of AMiS-50M, include basic system to build the basic information in the system, Patient medication administration system is to scan the patient barcode and open the bin. Medication management is for controlled drug management system.

#### SDK & API

- **E-Medication box control API**: the sample code to present how to control the E-Medication box.
- **E-Medication box control sample code**: the sample code to present how to control the E-Medication box.