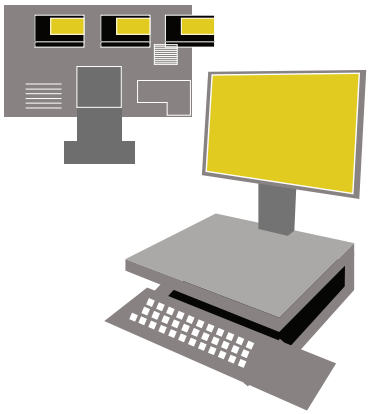
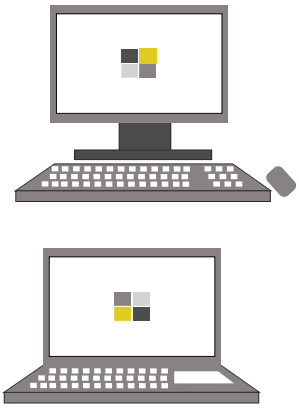
micromax HEALTH

Mobile Medical Cart Computer
Product Comparison

MEDICAL DEVICES: EVIDENCE-BASED DECISION MAKING
Venus - A Superior Medical Device

We know that the Onyx Venus Mobile Medical Cart Computer is superior to all other devices used and sold to the medical industry. And we have the solid evidence to prove it.*
The chart below compares the Venus to similar competitor products and generic consumer PCs used in the medical industry.

PRODUCT FEATURES	VENUS	RELATED PRODUCTS	ALL-IN-ONE PC/LAPTOPS
			
Medically Approved	✓	Questionable	X
IP65 & IPX1 Certified	✓	X	X
Fanless[1]	✓	X	X Generally
Noiseless[1]	✓	X	X Generally
No Moving Parts[2]	✓	X	X Some
Germ-Free[1] (incl batteries)	✓	X	X Generally
Infection Control	✓	Questionable (fan, air vents, positions of exposed batteries on top of unit, dust & moisture collector = not truly hygienic)	X Generally
Passed the Required Hospital Cleaning Solution Process	✓	X Due to fans/ vents/ airholes	X
Hot Swappable Batteries and 24x7 Operation	✓ (only 2 batteries)	✓ (3 batteries)	X (1 battery)
Simplified Power Management	✓	✓	X
Battery Certification	✓	X	X
Battery Drop-Proof	✓	X	X
Battery Flight Approval	✓	X	✓ (With laptop casing)

SUSTAINABLE CERTIFICATION
✓ ISO 9001
✓ AS/NZS 4801
✓ ISO 14001

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Battery Warranty (12 months)	✓	X (Only 6 months)	Some
10 Years End-Of-Life Batteries	✓	X (Approaching end-of-life)	X (2-3 years)
Warranty Battery Replacement - No Qns Asked & Next Business Day Shipping	✓	X	X
Smart Battery	✓	X	X
Battery Fleet Management System	✓	X	X
Medically Approved Battery (Crucial feature for germ/infection control due to constant battery handling by nurses/staff)	✓	X	N/A (Batteries are not normally handled)
Battery Cycle Life (Number of charge cycles before battery degrades to 80% capacity)	**Avg 720 cycles** (Batteries normally replaced after 2 years)	**Avg 300 cycles** (Batteries normally replaced after 1 year)	N/A
Nurse Reading Light	✓	X	X
Practical Design for Nurses	✓ (Easy, accessible and simple 2 battery replacement mechanisms on the side of unit, display at front of unit)	X (Three batteries at top of unit and unfriendly accessibility for nurses, display buttons at the rear of the unit)	X (Not designed for nurses)
Best All-round Enclosure	✓ (Lightweight metal to minimise heat dissipation and germ/infection control)	X (Plastic with air vents and plastic that changes colour, coating wears away)	X (Plastic with air vents that also changes colour and wears away)
Minimal Time Nursing the Device & More Time Nursing Patients	✓ (State-of-the-art design to minimise time with the device)	X (Partial)	X
Cerner SW App	✓ (Deployed successfully internationally and in hospitals in Queensland, NSW and Victoria.)	✓	✓

NOTES:

1. Fans in devices are not hygienic as they spread germs in a room, a negative for hospital and health care environment. Fans are also prone to making noise in time. Vents allow dust and humidity to enter the unit causing corrosion to the internal electronics board and limiting the life of the unit. Applies also to the batteries which are constantly handled by nurses/staff.

2. Devices with moving parts are likely to fault sooner and cause unnecessary outage and maintenance disruption. Such devices are less robust with a reduced life span.

* Based on research conducted including information on official company websites, technical specification sheets, publications and physical inspection of various medical devices used in the medical industry.

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