

JAO ST-170B

17" JAO Smart Terminal for the patient bedside



Effective for clinical access

Barco's 17" Smart Terminal, formerly known as 'Obie', is the ideal solution for both patients and hospital staff use. Based on a narrow-bezel design, the terminal is a stylish and practical all-in-one computer, featuring new translucent plastics and rear access doors for easy maintenance and upgrading.

The SXGA display is high-bright, making it perfect for patient consultation. The additional option of an Intel Pentium processor ensures smooth operation of electronic medical records and databases, as well as patient entertainment.

All-in-one functionality

JAO Smart Terminals run with Barco's bedside computing software, providing you with secure access to electronic medical records (EMR), patient archiving and communication systems (PACS) and the hospital information system (HIS) at the patient bedside.

Additionally, bedside computing software offers a wide variety of services, such as TV, radio, films, games, meal ordering, feedback surveys and nurse service calls, improving patient well-being and comfort.

Barco's 17" JAO Smart Terminal features:

- Modular embedded ultra-low voltage PC platform
- Fanless and noiseless design
- Wireless connectivity
- Advanced TFT/Touchscreen user interfaces
- Water-proof and dustproof design
- LED warning indicators
- Advanced anti-bacterial and flame retardant casing materials
- Range of options such as card readers, barcode scanner and microphones, etc.

Product specifications**JA0 ST-170B****General specifications**

CPU	Intel Atom Cedar Trail D2550
Solid state	Compact Flash
Memory	DDR 333
HDD drive	160 GB
Display	17" SXGA (1280 x 1024)
BIOS	Phoenix 16M-bit SPI BIOS
System chip set	Intel NM10
System memory	512 MB – 4GB 204-pin DDR3
Storage capacity	Up to 320 GB, 2.5" HDD SATA HDD
SSD drive	1x eUSB SSD header 1x PCIe mini card slot
Operating system	Linux Windows® XP Embedded Windows® XP Professional for Embedded Systems Windows® 7 Embedded
Connectivity	LAN / WAN USB 2.0 Headphones Microphone Handset connector DVI-A out Programmable GPIO Optional Service Call
User interface	Single-touch screen On screen keyboard Membrane keypad On/Off switch Power / reset buttons
Audio	8Ω 2W stereo speakers Warning / ring tones

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