

Medical Solution

BST-1850 18.5" Multi-Touch Bedside Terminal



Highlight

- High-performance graphics with AMD Fusion APU
- 18.5" widescreen TFT LCD with 10-point multi-touch capacitive touch panel
- Multiple I/O for web camera, receiver, light indicator
- Separate controller-type interface
- IP65 waterproof front-panel protection

I/O View



Computing box I/O



Display I/O

Features



RFID/Smart card/
barcode reader



Built-in Webcam



All in one connector-cable
Between computing box
and display



Integrated VESA
mounting

01	Stainless Steel Panel PC
02	All-in-one Panel PC with Riser Card Expansion
03	Compact Panel PC
04	Heavy-Duty Industrial Panel PC
05	Outdoor Panel PC
06	Medical Solution
07	ARM-Based Panel PC
08	ARM-Based HMI

BST-1850

Specification

Model No.	BST-1850
System	
Processor	AMD Fusion T56N 1.6GHz AMD A55E *Power-saving CPU type also supported
System Memory	2GB DDR3-1066
External I/O	
USB	4x USB2.0 (Indicator 2 / Main body 2)
Serial/Parallel	None
Audio	Audio (In x 1, Out x 2)
Graphics	1x LVDS 1x DVI-I
LAN	IEEE802.11n/b/g standard wireless LAN, 2x LAN
Digital I/O	None
Keyboard/Mouse	None
Membrane Control	None
Power	12VDC ± 5% (AC adaptor is included) 1 Push button
Storage Space	
HDD	2x SATA2.0
Removable Slot	16GB 2.5" SSD
Expansion	
Onboard Expansion Bus	1x miniPCIe slot (Full/half size)
Expansion Slot	None
Display	
Display Type	18.5" TFT LCD
Max. Resolution	1366 x 768
Max. Color	16.7M
Luminance (cd/m ²)	250
View Angle (H°/V°)	170/160
Contrast	1000:1
Backlight Lifetime(hrs)	30000
Touch Screen	
Type	Projected capacitive touch
Interface	USB
Light Transmission (%)	83
Power	
Power Input	12VDC ± 5% (AC adaptor is included)
Mechanical	
Construction	Plastic/Monitor Steel/Computing
IP Rating	IP65 (Monitor front panel)
Mounting	VESA 100 x 100mm (Monitor) Wall mounting (Computing)
Dimensions (mm)	Indicator: 458 x 355 x 36 Main body: 130 x 300 x 60
Net Weight (Kgs)	Indicator: 4.5kg Main body: 2.5kg (AC adaptor is not included)
Environment	
Operating Temperature(°C)	0°C~ 40°C
Storage Temperature(°C)	-10°C~50°C
Storage Humidity	10%~90% (non-condensing)
Certification	CE/FCC Class A
Operating System Support	Windows Embedded Standard XP, Windows Embedded Standard 7, Windows 7 Pro for Embedded

Ordering Information

BST-1850	18.5" Panel PC with capacitive multi-touch AMD 1.6GHz CPU, 16GB 2.5" SSD, 2GB DDR3-1066
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