



Features

- EN50155 certified
- Optical bonding
- Front bezel IP65 and full IP54 protection
- Movable and programmable membrane keypad
- 24V DC power input with M12 connector, 48V DC, 72V DC or 110V DC as options
- Two M12 LAN ports and one M12 USB port
- Additional rack mount kit



Specifications

CPU Type	Intel® Atom® Processor E3845 (Quad-Core 1.91GHz)
Memory	2x DDR3L SO-DIMM, up to 8GB, default DDR3L 4GB (4GBx1)
Display Size	12.1" TFT-LCD
Max. Resolution	1024 x 768
Luminance (cd/m ²)	500
Contrast	1000:1
Max. Color	16.7M
View Angle (H°/V°)	178/178
Backlight Lifetime(hrs)	30000
Touch Type	Projected capacitive
Touch Interface	USB
Light Transmission (%)	86
Point of touch	10
I/O Interface	1x USB 3.0 2x USB 2.0 (1x Type A and 1x M12 A-code 4P connector) 1x COM port for RS-232/422/485 2x GbE LAN ports, 2x 10/100 LAN with M12 connector 1x Display port 1x M12 A-code 4P DC-input
Power Button	Reset button
Power Input Range	24V DC (default) power input, Optional 72V DC & 110V DC
Membrane Control	Brightness up/down and Volume up/down/power button
Audio	2x Speakers
Internal Expansion	1x mPCI-E(x1) w/ USB signal [half-size] 1x mSATA/mPCI-E(x1) w/ USB signal and mSATA supports [full-size]
Wireless	Optional Wi-Fi/BT
Storage	1x 2.5" SATA
Thermal Design	Fanless
Construction	Aluminum front bezel and back cover
Chassis Color (Front/Back)	Silver/Silver
IP Rating	IP65 front bezel/ IP54 for whole unit with I/O cover
Mounting	Wall mount and VESA 75x75 mm

Dimensions	335 (W) x 267 (D) x 72.1 (H) mm 13.18" (W) x 10.5" (D) x 2.83" (H)
Net Weight	3.6 kgs
Operating Temperature	-30°C~70°C (-22 ~158 °F) (EN50155-TX)
Storage Temperature	-40°C ~ 85°C (-40 ~185 °F)
Storage Humidity	10%~90% (non-condensing)
Certified	EN50155: 2017, EN45545-2 CE/FCC Class-B
Operating Systems	Windows 10 32/64-bit, Windows 7 32/64-bit, Linux 3.x/4.x

Ordering Information

BYTEM-123-PC	12.1" (1024 x 768) Panel PC with IB897, Intel® Atom® Processor E3845 1.91 GHz, 4GB DDR3L SO-DIMM, 64G SSD, projected capacitive touch, w/o power adaptor
Power adaptor (optional)	AC 100V~240V input, 24V DC output 90W power adaptor, IBASE P/N: A005PS090W0100600P

Dimensions

