Compact Panel PC

BYTEM Series
Flat Bezel Projected Capacitive
Intel® Atom™ Processor Panel PC

NEW | FANLESS | Flat Bezel | F Panel IP65 | Wide Temperature

Highlight

- Supports Intel® Atom™ Processor
- Very low power consumption
- Flat panel design with projected capacitive touch
- 9V~30V DC wide-range power input
- IP65 front-panel waterproof protection

Features

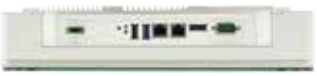
Fan-less design

Easy accessible 2.5" HDD storage

Compact size

I/O View

BYTEM-071-PC



BYTEM-101-PC

BYTEM-121-PC

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Specification

Model No.	BYTEM-071-PC Aug./2014	BYTEM-101-PC	BYTEM-121-PC
System			
Processor	Intel® Atom™ E3827 (Dual-Core @ 1.75GHz)	Intel® Atom™ E3845 (Quad-Core @ 1.91GHz)	
System Memory	2x DDR3L SO-DIMM, up to 8GB, Default DDR3L 4GB(4GBx1)		
External I/O			
USB	1x USB 3.0 flag type, blue color 1x USB 2.0 Type A flag type		
Serial/Parallel	1x D-SUB9 RS-232/422/485 COM1		
Audio	None		
Graphics	1x DP port		
LAN	2x Gigabit LAN (RJ45)		
Digital I/O	None		
Keyboard/Mouse	None		
Membrane Control	None		
Power	1x 3pin DC power connector 1x Power on/off switch		
Storage Space			
HDD	1x 2.5" SATA2		
Movable Slot	1x 2.5" SATA HDD easy accessible, default 32G SSD		
Expansion			
Onboard Expansion Bus	1x mSATA/mPCIe(x1) w/ USB signal [Half-sized] 1x mSATA/mPCIe(x1) w/ USB signal and mSATA supported [Full-sized]		
Expansion Slot	None		
Display			
Display Type	7" TFT-LCD	10.1" TFT-LCD	12.1" TFT-LCD
Max. Resolution	800 x 480	1280 x 800	1024 x 768
Max. Color	16.7M	262K	16.7M
Luminance (cd/m2)	400	350	
View Angle (H°/V°)	140/120	170/170	160/160
Contrast	500:1	800:1	
Backlight Lifetime(hrs)	20000	12000	30000
Touch Screen			
Type	Projected capacitive touch		
Interface	USB		
Light Transmission (%)	85		
Power			
Power Input	9~30V DC input		
Mechanical			
Construction	Aluminum front bezel and white steel back cover with aluminum heat-sink		
IP Rating	IP65 front bezel		
Mounting	VESA 75 x 75mm		
Dimensions (mm)	TBD	285 x 204 x 59.6	317 x 255 x 59.6
Net Weight (kgs)	TBD	TBD	TBD
Environment			
Operating Temperature(°C)	0°C~ 50°C		
Storage Temperature(°C)	-20°C~60°C		
Storage Humidity	10%~90% (non-condensing)		
Certification	CE/FCC Class B		
Operating System Support	Windows 8 32/64bit, Windows 7 Pro for Embedded 64bit, WES7 64bit		