

ARM-Based Panel PC

BYARM-181-PC ARM Based All-In-One Panel PC



■ Highlight

- Freescale iMX.6 high performance processor
- Projected capacitive touch screen, flat bezel design
- Programmable LED light bar at rear side
- External SD card slot for storage expansion
- Android 4.3x supported

■ Features



18.5" projected capacitive touch screen

■ I/O View



BYARM-181-PC I/O



12V DC and PoE support

Ordering Information

RISC 18.5" Panel PC with projected capacitive touch, i.MX6 Cortex A9 CPU, 1GB DDR3 onboard, supports Android, w/ 60W power adaptor

Specification

Model No.	BYARM-181-PC
Processor	Freescall I.MX6 Cortex A9 Solo 1 Cores @ 1GHz
System Memory	1GB DDR3 memory board
USB	1x USB (USB Host: A-Type) (Flag type) 1x USB OTG (mini AB type)
Serial/Parallel	1x RS-232/485 via RJ-45 connector (selectable by dip switch at edge, Default RS-232)
Audio	None
Graphics	None
Digital I/O	1x GbE LAN RJ-45 (Onboard) None
Keyboard/Mouse	None
Membrane Control	None
Power	1x 3.5mm power jack 1x Power reset button Switch
HDD	4GB eMMC Onboard
Removable Slot	1x SD card slot up to 32GB
Onboard Expansion Bus	1x miniPCle slot (Full size/half size)
Expansion Slot	None
Display Type	18.5" TFT-LCD
Max. Resolution	1366 x 768
Max. Color	16.7M
Luminance (cd/m2)	300
View Angle (H°/V°)	170/160
Contrast	1000:1
Backlight Lifetime(hrs)	50000
Type	Projected capacitive touch
Interface	USB
Light Transmission (%)	85
Power	12V DC input
Construction	Black aluminum front bezel and black steel back cover
IP Rating	IP65 (Front panel with panel mount)
Mounting	VESA 75x75/100x100 mm
Dimensions (mm)	520 x 341 x 69.3
Net Weight (kgs)	TBD
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	Linux3.X, Android 4.X

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