

Rity102 ■ 10.1" ALL IN ONE Fanless POS Terminal



Features

- Rich I/O (Including 6 USB, Optional MIC and CAM)
- Fanless Design
- Front IP-65 & Back IP-41
- Service Windows for RAM
- Support Cash Drawer (12V/24V)
- 5-wire Resistive Touch (Optional Multi-touch P Cap)
- Optional Device: MSR



Specifications

Panel

LCD Size	10.1"
Display Type	WXGA TFT
Resolution	1366 x 768
Color	262K Color by 6-bit RGB Signal
Luminance	200cd/m ²
Contrast Ratio	1300
Viewing Angle	85 (H) x 85 (V)
Backlight	LED
Touch Type	5-wires Resistive/PCT
Light Transmission	RES 75%/PCT 90%
Touch Interface	RES RS232/PCT USB

System

CPU	Intel® Celeron® Processor J1900 4-Core 2GHz (D, 10W) Intel® Celeron® Processor N2920 4-Core 1.86GHz (M, SDP, 4.5W/TDP, 7.5W) Intel® Atom™ Processor E3845 4-Core 1.91GHz (I, 10W)
Cooling Method	Fanless
System Chipset	Intel® Valleyview SoC Integrated
Memory	1 x 204-pin SODIMM Socket Up to 8GB DDR3L 1066/1333 SDRAM
SSD	One mSATA Socket
Speaker	2W, 8Ω
WIFI	Optional USB WIFI 802.11 b/g (Will Occupy One USB Pin Header)
Expansion	mPCIe Socket w/SIM Holder for 3G Application



Rear Panel I/O

Serial Port	2 x RS-232 COM1 & 2 Supported RS-422/485 (Setting by BIOS) All Pin9 Supported RI/5V/12V (Setting by BIOS)
Ethernet	2 x LAN (Intel® I210AT Gigabit Ethernet Controller)
Cash Drawer	1 x RJ11 for Cash Drawer, Supported DC 12V/24V 1A Out. Setting by BIOS
HDMI	1 x HDMI
USB	3 x USB 3.0, 1 x USB 2.0
Power	1 x Power Minidin 4P for DC-in w/Lock Type

Mechanical & Environmental

Color	Default Black, Optional White
Mounting	Wall/Panel/VESA 75mm x 75mm
Power Input	+24V DC-in 90W, Optional 120W & 130W for 24V DC-out SKU.
Operating Temperature	0 ~ 40°C (32 ~ 104°F)
Storage Temperature	-10 ~ 60°C (14 ~ 140°F)
Operating Humidity	10% ~ 95% Relative Humidity, Non-condensing
Dimensions (W x D x H)	260mm x 178mm x 42mm
Weight	1.6 Kgs

RityPOS

LPC Series

SPC Series

FPC Series

PPC Series

APC/BFC Series

UPC Series

MPC Series

OPM Series

AID Series

MTP Series

RISC

Accessory

Ordering Information

RITY102

10" WXGA TFT Plastic Panel PC with Intel® Atom™ E3845 4-Core 1.91GHz CPU

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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