

PICO-SFA01

PICO-ITX Board with Intel® [code name: SoFIA 3GR] platform

Preliminary

Features

- Onboard Intel® SoFIA 3GR processor
- DMCP with LPDDR3 and eMMC
- LVDS for Android; MiPi-DSI support
- USB 2.0 x4 (w/hub), option USB OTG
- 4-wire UART x1; 2-wire UART x1
- 3.5mm head-phone jack (mic, left and right sprkr)
- 4-lane and 2-lane MiPi-CSI
- 8-bit Digital I/O, I2C x3
- 5V AT

Specifications

System	
Form Factor	PICO-ITX
Processor	Onboard Intel® SoFIA 3GR SoC Processor,
System Memory	1GB LPDDR3L
Chipset	AG620
I/O Chipset	
Ethernet	On AG620
H/W Status Monitoring	Monitoring system temperature, voltage status
Expansion Interface	I2C
Power Requirement	5V in/AT mode
Power Consumption (Typical)	TBD
System Cooling	Fanless
Board Size	3.94" x 2.756" (100mm x 72mm)
Gross Weight	200g
Operation Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-40 °F ~ 176 °F (-40 °C ~ 80 °C)
Operation Humidity	0% ~ 90% relative humidity, non-condensing

MTBF	TBD
Display	LVDS (Android only) MiPi-DSI
Chipset	AG620
LCD Interface	18/24bits Single Channel LVDS
I/O	
Storage	eMMC or uSD card slot
Serial Port	2-Wire UART x1 4-Wire UART x1
USB	USB x1 or USB x4 with hub Option USB OTG
Digital I/O	8-bit
Audio	Mic, Left and right speaker
OS Support	Android 5.0 Linux Kernel 4.x

Ordering Information

PICO-SFA01-A10

PICO.x3-3205RK.LVDS/MIPI-DSI, DDR3L.LAN, 12VDC.REV A1.0