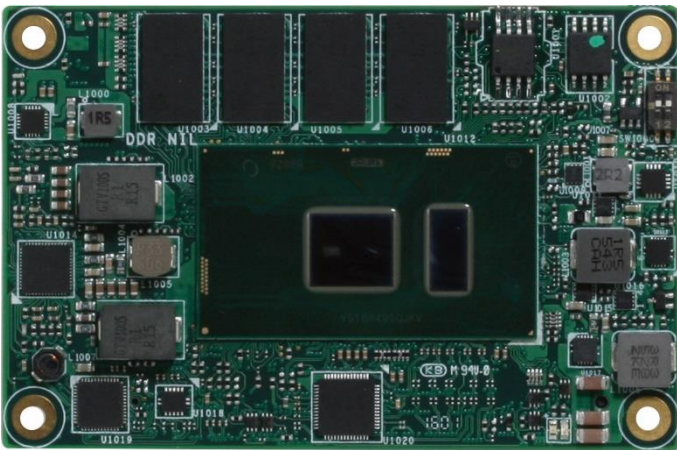


NANOCOM-SKU

Preliminary

COM Express Type 10 with Intel^(R) 6th gen Core™ ULT series CPU



Features

- Intel® Core™ i7-6100U series SOC
- Onboard 4GB DDR4 memory
- Gigabit Ethernet x 1
- 18/24-bit Single-Channel LVDS LCDs/eDP, DDIx1
- High Definition Audio Interface
- SATA x 2
- USB3.0 x2, USB2.0 x8
- PCI-Express [x1] x 3
- GPIO x8, SMBus, I2C, LPC
- COM Express Mini size, type 10, 84mmx55mm

Specifications

System	
Form Factor	COM Express Mini size 84mm x 55mm
Processor	Intel® 6th Gen U series CPU upto i7-6600U
System Memory	4GB DDR4,
Chipset	Intel® SOC
I/O Chipset	
Ethernet	Intel® I219 GbE
BIOS	AMI BIOS, Legacy free BIOS
Wake on LAN	Yes
Watchdog Timer	ITE IT8528VG
H/W Status Monitoring	Support CPU temperature monitoring
Expansion Interface	3x PCIe [x1] I2C, LPC, SMBus, GPIO
Power Requirement	Normal: +12V
Power Consumption	CPU 15W TDP
Board Size	84mm x 55mm
Operation Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)
Operation Humidity	0% ~ 90% relative humidity, non-condensing
MTBF	80,000
Display	
Chipset	GT2,
Graphic Engine	LVDS/eDP, DDI x1
LVDS Interface	Supports 18bit and 24bit Single channel up to WUXGA 1920x1200
I/O	
Storage	SATA II x 2,
USB	USB3.0/2.0 x 2 USB2.0 x 6
Audio	HD Audio x 1

GPIO	8 bit,
Serial Port	2-wire UART x 2 (TX/RX)

Packing List

NANOCOM-SKU

DVD

Screws

Ordering Information

NANOCOM-SKU-A10-0001

I7-6600U

Optional accessory

ECB-920-A10-0001

NANOCOM-SKU-HSP01

Heat spreader

NANOCOM-SKU-HSK01

Heat sink, to be used with HSP

NANOCOM-SKU-FAN01

CPU cooler, to be used with HSP