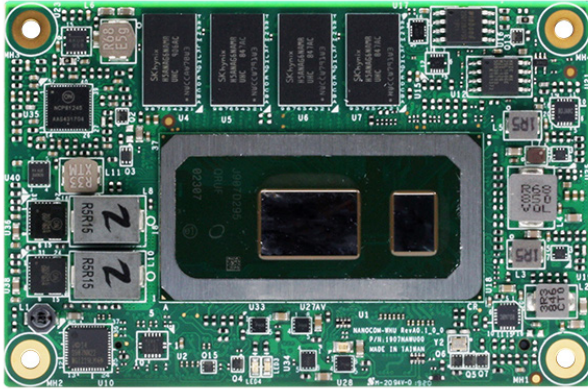


Computer on Modules for OEM/ODM

ONYX NanoCOM-WHU

COM Express Type 10 with 8th Generation Intel® Core™ ULT Series Processor



Features

- 8th Generation Intel® Core™/Celeron™ ULT Processor
- Onboard DDR4 memory, up to 8GB
- Gigabit Ethernet x 1
- eDP, DDI x 1
- High Definition Audio Interface
- SATA3 x 2, eMMC onboard (up to 64GB)
- USB 3.2 x 2, USB 2.0 x 8
- PCI-Express [x1] x 4
- GPIO x 8, SMBus, I2C, LPC
- COM Express Type 10, Mini Size, 84 mm x 55 mm



Specifications

System

Form Factor	COM Express Mini size, 84mm x 55mm
CPU	8th Generation Intel® Core™ ULT Series Processor
CPU Frequency	—
Chipset	Onboard 8th Generation Intel® Core™ SoC
Memory Type	Onboard DDR4-2400/2133, non ECC support
Memory Capacity	Up to 8GB
BIOS	AMI BIOS, Legacy Free BIOS
Wake on LAN	Yes
Watchdog Timer	255 Levels
Power Requirement	Standard +12V
Power Supply Type	AT Mode
Power Consumption	TBD
Dimension (L x W)	3.31" x 2.17" (84mm x 55mm)
Operating Temperature	32°F ~ 140°F (0°C ~ 60°C)
Storage Temperature	-4°F ~ 158°F (-20°C ~ 70°C)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
MFTB (Hours)	TBD
Certification	CE / FCC Class A

Display

VGA/LCD Controller	Intel® HD Graphics 620 / 610
Video Output	eDP, DDI x 1
LVDS Interface	—

I/O

Ethernet	Intel® I219 GbE x 1
Audio	HD Audio x 1
USB Port	USB 2.0 x 8, USB 3.2 x 2
Serial Port	2-wire UART x 2 (TX/RX)
HDD Interface	SATA3 x 2
Onboard Storage	eMMC
Expansion Slot	PCIe [x1] x4 I2C LPC SMBus
GPIO	8-bit
TPM	fTPM