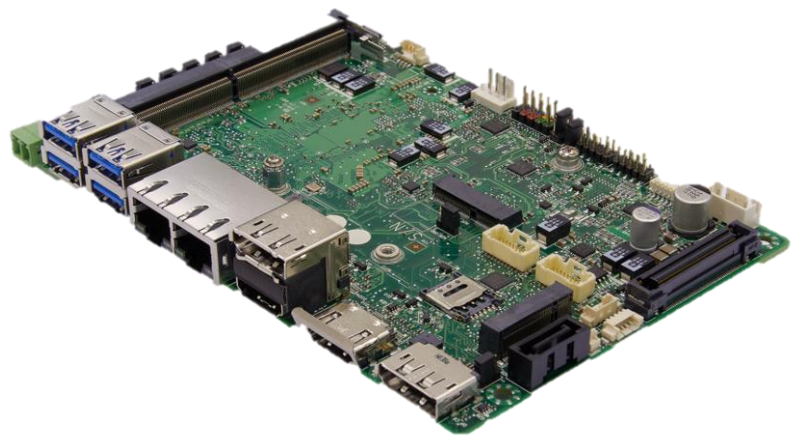




ON15363A

Intel® 11th Gen. Tiger Lake-H® Core™ i7 processors

32GB DDR 4, uSSD 64GB on board , PCIe/104 and mPCIe expansion, Extended Temperature -40 to 85°C



- Outstanding Graphic Computing Capability with Integrated Intel® Iris Xe Graphics
- Intel® vPro Technology Support
- Compatible with M.2 3042/3052 & SIM Slot for 5G Cellular Network Connectivity
- 1x DDR4 SO-DIMM and Support Up to 32GB
- Support Quadruple Display for HDMI, Display Port and LVDs/ eDP
- Support 1x M.2 2280 B-Key (SATA, PCIe x1), M.2 2230E-Key (CNV)
- 1x SATA III
- 2x Intel® Gigabit Ethernet
- 2x USB 2.0, 4x USB 3.1 Gen2 and 4x COM
- 8V-24V Wide Voltage Power Input

Specifications

PROCESSOR & SYSTEM

CPU Type	11th Gen Intel® Tiger Lake-UP3 : i7-1185G7E(4 Cores/8 Threads, 12M Cache, up to 4.40 GHz), 15W/28W i5-1145G7E(4 Cores/8 Threads, 8M Cache, up to 4.10 GHz), 15W/28W i3-1115G4E(2 Cores/4 Threads, 6M Cache, up to 3.90 GHz), 15W/28W Celeron 6305(2 Cores/2 Threads, 4M Cache, up to 1.80 GHz), 15W
Memory type	DDR4 3200MHz / 1 x 260-pin SO-DIMM / Max. 32GB (Non-ECC)
Chipset	Intel® SoC Integrated
Graphics	Intel® Iris Xe Graphics
Ethernet	Intel® I219LM Giga LAN + I225LM 2.5G
I/O Chipset	Nuvoton NCT6126D
Expansion Slot	Storage / LTE / 5G: M.2 2242 / 2260 / 2280 / 3042 / 3052 B Key (USB2.0/*PCIex1/SATAIII) Wireless: M.2 2230 E KEY (PCIe / USB)
iAMT	Nuvoton NPCT750AABYX TPM2.0
Watchdog Timer	1~255 Steps by Software Program
H / W Monitor	Temperature Monitor, Voltage Monitor, Fan Monitor
Smart Fan Control	CPU Fan
BIOS	AMI BIOS

AUDIO

Codec	Realtek® ALC256
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GRAPHICS

HDMI 2.0b	Up to 4K (4096 x 2160) @60 Hz
DisplayPort 1.4	Up to 5120 x 3200 @60 Hz
LVDS	Up to 1920 x 1200 @60 Hz
eDP (Option)	Up to 5120 x 3200 @60 Hz

REAR I/O

USB	4 x USB3.1
Display I/O	1 x DP ; 2 x HDMI
LAN I/O	2 x RJ45

INTERNAL I/O

Storage	1 x SATAIII
USB	2 x USB2.0
Display I/O	1 x LVDS (colay eDP) 1 x Backlight Connector"
Audio I/O	1 x Audio Header Supporting System Stereo Speaker 1 x Audio Header (Front Panel Mic-in & Line-out)"
Serial Port	4 x RS232 (One Supports RS232/422/485)
Fan	1 x 4-pin CPU Fan Header
Power	1 x 8~24V 4-pin Power Connector, 1 x AT/ATX Mode Select Jumper
Others	"1 x Front IO Header (PWR ON/RESET/PWR LED/HDD LED) 1 x Nano SIM slot, 1 x Buzzer"

POWER REQUIREMENT

Power Input	8~24V Wide Range DC Input w/ 4-pin Power Header (Pitch: 2.5mm)
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MECHANICAL AND ENVIRONMENTAL

Form Factor	3.5" SBC Embedded: 4" x 5.8" (102mm x 147mm)
Operating Temperature	-40°C ~ 85°C
Storage Temperature	-40°C ~ 85°C
Operating Humidity	10% ~ 95% R/H, non-condensing

STANDARD COMPLIANCE

Standard Compliance	CE/FCC
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Ordering Information

MODEL NAME	DESCRIPTION
OXY5363A-01	CPU : i7-1185G7E
OXY5363A-02	CPU : i5-1145G7E
OXY5363A-03	CPU : i3-1115G4E
OXY5363A-04	CPU : Celeron 6305