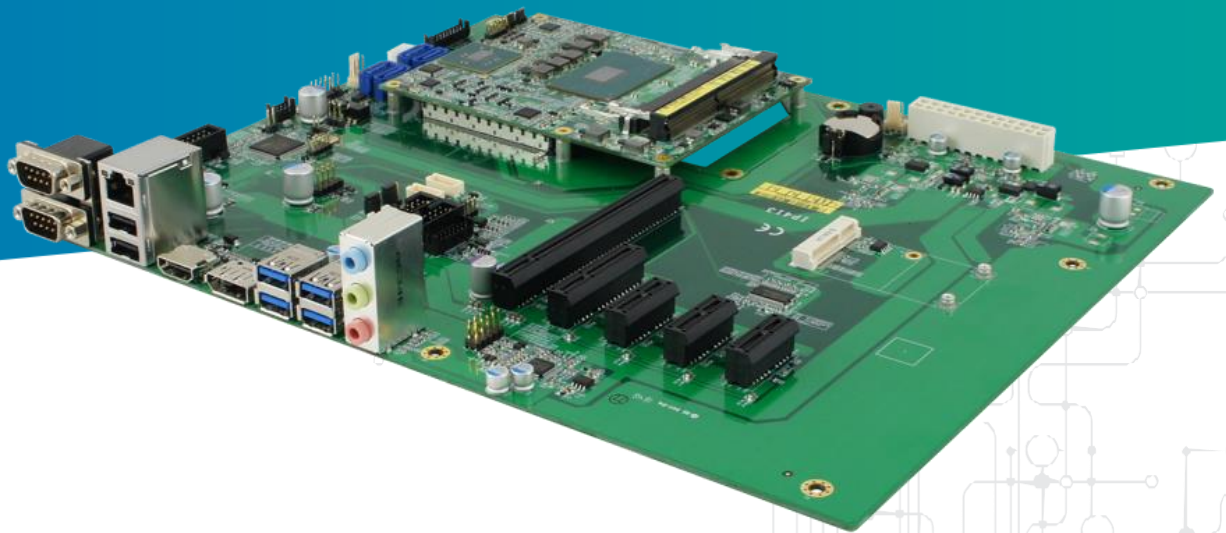


Intel® 7th Gen. Core™ / Xeon® E3 processor COM Express Type 6 Module with max 32GB Memory, 0 to 60°C



- COM Express module type 6 with Intel® 7th Gen. Core™ / Xeon® E3 processor
- 2 x DDR4-2400 SO-DIMM, Max. 32 GB
- 1 x Intel® PCIe GbE LAN
- 8 x USB 2.0, 4 x USB 3.0, 2 x COM, 4 x SATA III
- 3 independent displays and display output signals for interfaces of DVI-D, HDMI, DisplayPort and LVDS
- 8 x PCIe (x1), 1 x PCIe (x16)
- Configurable watchdog timer, digital I/O, mSATA, TPM 2.0
- ATX or single DC-in 12V

OXY5140B

System

CPU	Intel® 7th Gen. Core™i7-7820EQ (3~3.7GHz) with QM175 PCH Intel® 7th Gen. Core™i5-7440EQ (2.9 ~ 3.6 GHz) with QM175 PCH Intel® 7 th Gen. Core™i3-7100E (2.9 GHz) with HM175 PCH Intel® Xeon® E3-1505M V6 (3 ~ 4 GHz) with CM238 PCH
Memory	2 x DDR4-2400 SO-DIMM, dual channel, expandable up to 32 GB
Graphics	Intel® 7th Gen. Core™ H-series integrated graphics
Network	Intel® I219LM PHY
Super I/O	Nuvoton NCT5523D
Power Requirement	5V / 12V DC-In
TPM	2.0
Watchdog Timer	Yes (256 segments, 0, 1, 2...255 sec / min)
BIOS	AMI BIOS
H/W Monitor	Yes
Dimensions	95 x 125 mm (3.74" x 4.92")
RoHS	Yes
Expansion Slot	1 x PCIe X16 slot 1 x Mini PCIe Full size (SATA, USB , PCIe) 1 x M.2 2242 / 2280 M key (PCIe, SATA) 1 x M.2 2230 E key (PCIe, USB)

Display

HDMI	1 x HDMI
DP	1 x Display Port
DVI-D	1 x DVI-D
LVDS	1 x 24-bit dual channel LVDS

I/O Ports

LAN	1 x RJ45 GbE LAN
USB	4 x USB 3.0 8 x USB 2.0
Serial	COM1: RS-232/422/485 COM2: RS-232 (full functions) COM3 & COM4: RS-232 (TX and RX)
SATA	4 x SATA 3.0
Audio	Line-In, Line-Out, and Mic-In
Expansion Slots	8 x PCIe slot (x1) 1 x PCIe slot (x16)
Environment	
Temperature	Operation: 0 ~ 60 °C (32 ~ 140 °F) Storage: -20 ~ 80 °C (-4 ~ 176 °F)
Relative Humidity	10 ~ 90 %, non-condensing

