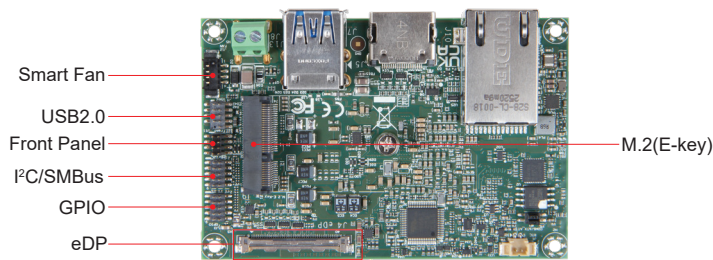
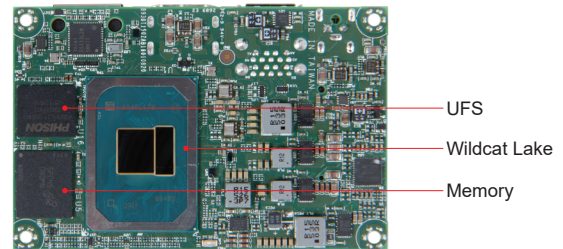


FEMTO-8010

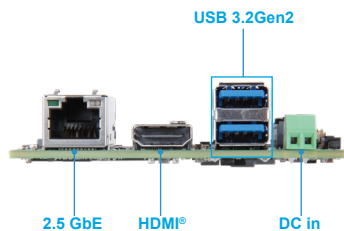
Intel® Wildcat Lake; LPDDR5, UFS 3.1; dual HDMI®/eDP; 2.5GbE; USB 3.2, USB 2.0; M.2 E-Key; TPM, GPIO, I2C/SMBus, Smart FAN



FEATURES

- Intel® Wildcat Lake
- Intel® Core™ 3 Processors 304/ Core™ 5 Processors 315/ Core™ 7 Processors 350
- LPDDR5 + UFS 3.1 onboard design
- HDMI® + eDP dual display
2.5GbE LAN, 2x USB 3.2
M.2 E-Key expansion
- TPM, USB2.0, GPIO, I2C/SMBus, Front Panel, Smart FAN

REAR I/O



General

Processor	- Intel® Core™ 3 Processors 304 - Intel® Core™ 5 Processors 315 - Intel® Core™ 7 Processors 350
BIOS	AMI uEFI BIOS
Memory	Support up to 16GB LPDDR5/x 6800 MT/s on board (default 8GB)
Storage Devices	1 x UFS3.1 up to 256GB (default 64GB)
Watchdog Timer	Programmable, time out period from 1s to 255s
Graphic Controller	Intel® Xe 3 Graphics

Rear I/O

Ethernet	1 x Intel I226LM with 2.5 GbE LAN 10/100/1000/2500 Mbps
USB	2 x USB 3.2 Gen2 Type A
Display	1 x HDMI® 2.1 TMDS, up to 3840 x 2160@60Hz

Expansion I/O

USB	2 x USB 2.0 Pin Header
M.2	1 x M.2 E Key 2230 support
Security	TPM 2.0 (On Board IC)
Display	1 x eDP 3840 x 2160@60Hz
GPIO	1 x 8-bit Digital I/Os
Others	1 x I2C 1 x SMBus

Mechanical/Environment

Dimension	84 x 55 mm (3.31" x 2.17")
Power Supply	2-pin Terminal Block(colay DC Jack) 12V
Operating Temperature	0 ~ 60 °C (32.0 ~ 140.0 °F)
Storage Temperature	-40 ~ 85°C (-40.0 ~ 185.0 °F)
Relative Humidity	5% to 95%, non-condensing
Certification	CE/FCC UKCA
OS	Windows 11 IoT Enterprise 2024 LTSC, Ubuntu 24.04
Portwell Special Feature	PET