

KW Series v4

Fanless Industrial PC

Features

- 15.6", 18.5", 21.5"
- Intel 11th Gen. Core i5/i7 Processor
- Low Power Consumption Optimized
- 1 x 260-pin DDR4 SO-DIMM, up to 32GB
- High Performance NVMe Storage w/ RAID support
- Antimicrobial Aluminum Enclosure
- Fanless Construction
- TPM 2.0 (fTPM / Intel PPT)



Specifications

System	
Display	15.6" LCD, 1366 x 768 (16:9) 18.5" LCD, 1366 x 768 (16:9) 21.5" LCD, 1920 x 1080 (16:9)
Brightness	250 cd/m2
Processor	Intel 11 th Gen Quad Core i5-1135G7, 8MB Cache, up to 4.2GHz
Touch Screen	Projected Capacitive
Touch Controller	eGalaxTouch
System Chipset	Tiger Lake U SOC
Graphics Controller	Intel Iris Xe Graphics
Audio	Intel Tiger Point-LP PCH-cAVS (Audio, Voice, Speech)
LAN Chipset	1 x GbE: Intel 1219-LM 1 x GbE: Intel I211
System Memory	Up to 32GB DDR4 2666/3200 (1 x SO-DIMM)
BIOS	Insyde 64Mbit
TPM	TPM 2.0 (fTPM / Intel PTT)
vPro	Yes (CPU Dependent)
Storage	
M.2 SATA	1 x M.2 2280 "M" Key SATA, shared with PCIe x 4 NVMe
M.2 NVMe	2 x 2280 "M" Key (1 x PCIe x 4 / 1 x PCIe x 4 or SATA)
RAID Support	RAID 0 or 1
Expansion	
M.2	1 x M.2 (E key) supports M.2 2230 (WiFi)
Other Features	
Cooling Method	Fanless
Internal Speaker	2 x 1W Speakers
Webcam	1 x 2Mpixel Camera (Optional)

I/O

Video	1 x MiniDP out (FeDP – Proprietary)
COM	3 x D89 Serial
USB	2 x USB 3.0 (Type A) 2 x USB 3.1 (Type C) 2 x USB 2.0 (Type A)
LAN	2 x GbE RJ45
WLAN	802.11 AX BT 5.1 LE (Intel AX210)

Operating System

Windows	Windows 10 Pro 64bit (UEFI Only) Windows 11 Pro 64bit (UEFI Only) Windows 10 IoT SAC/LTSC 64bit (UEFI Only)
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Power

Power Input	19 VDC
Power Connector	4pin Mini-DIN
Power Adapter	External Power Adapter, 19V @ 4.74A

Environment

Operating Temperature	32°F - 104°F (0°C - 40°C)
Storage Temperature	-4°F - 140°F (-20°C - 60°C)
Humidity	20% to 85% non-condensing
IP Level	IP54 Front Panel
Certification	FCC Class B, CE Mark, LVD

Physical

Enclosure	Cast Aluminum, antimicrobial enclosure
Dimension (W x H x D)	15.6": 15.6" x 9.7" x 1.9" 18.5": 18.3" x 11.2" x 1.9" 21.5": 21.1" x 12.9" x 1.9"
Weight	15.6": 9.9 lbs. 18.5": 15 lbs. 21.5": 17.5 lbs.
Mounting	VESA 75, Optional Stand

Warranty

Warranty	1-year standard
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