

AFL2-17AB-ADLS

IEI Light Industrial Panel PC

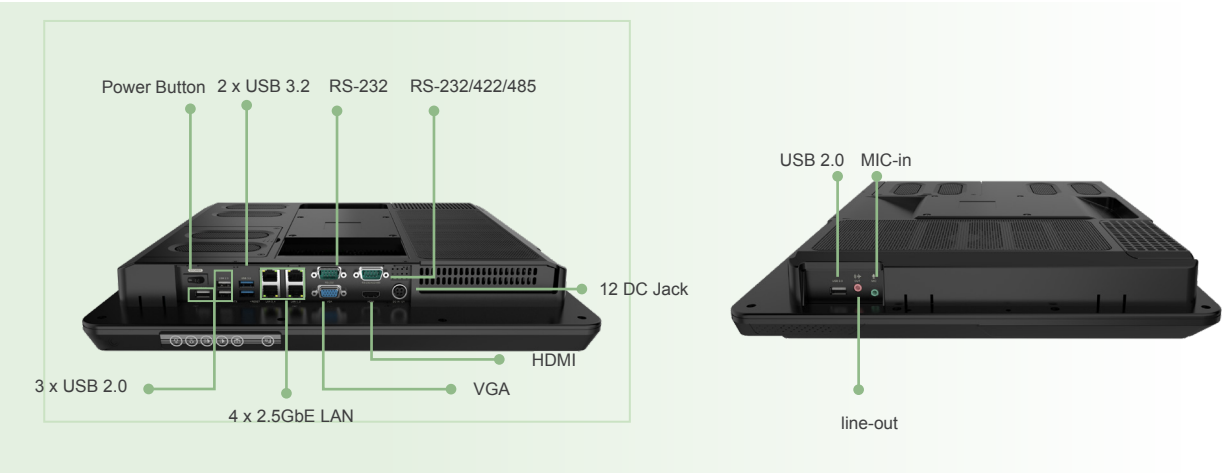
Powered by Intel® Alder Lake-S Platform



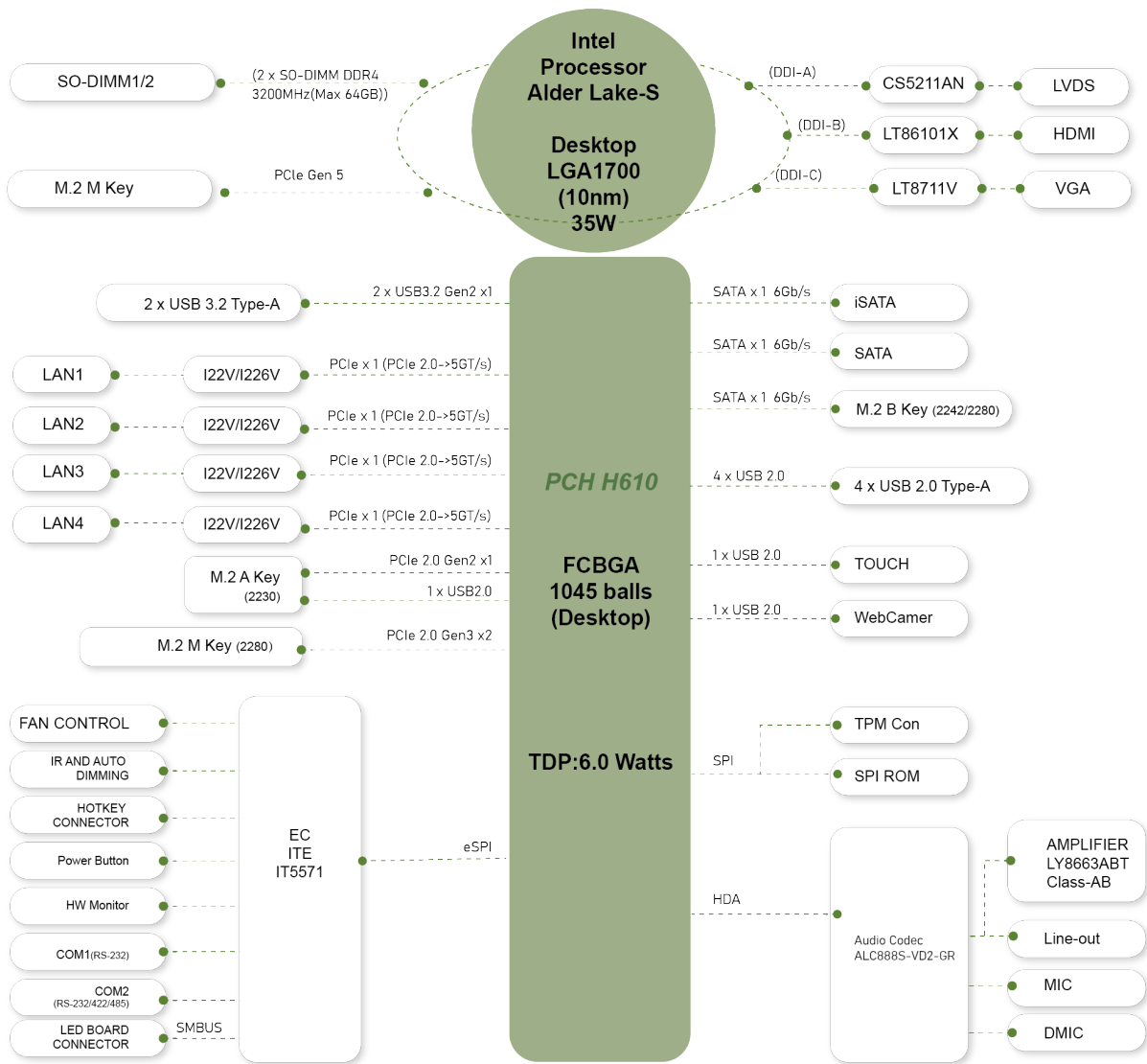
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Fully Integrated I/O



Block Diagram



Specifications

Model	AFL2-17AB-ADLS	
LCD Display	17" (4:3)	
Resolution	1280 (W) x 1024(H)	
Brightness	350 cd/cm ²	
Contrast Ratio	1000:1	
LCD Color	16.7M	
Viewing Angle (H-V)	170°/160°	
Backlight MTBF	50,000 hours	
CPU (SoC)	Intel® Alder Lake-S i7 / i5 / i3 / Celeron® processor (TDP 35W) i7-12700TE/i5-12500TE/i3-12100TE/G7400TE	
Memory	Two 260-pin DDR4 SO-DIMM slot (system max. 64GB) preinstalled with 8GB (8GB x 1)	
Touchscreen	PCAP with USB interface (anti-UV/AR coating)	
Touch Controller	EETI EXC81	
Ethernet	4 x Intel® Ethernet Controller I225-V / I226-V	
Expansion	1 x M.2 2280 B-key (SATA) 1 x M.2 2280 M-key (PCIe Gen3 x4) 1 x M.2 2280 M-key (PCIe Gen3 x2)	
Mounting	Panel, Wall, VESA 100mm x 100mm	
Construction Material	PC + ABS Plastic	
Enclosure Color	Black C	
I/O Ports, Switch	1 x RS-232 (DB9) (rear I/O) 1 x RS-232/422/485 with AFC (DB9) (rear I/O) 4 x 2.5GbE RJ45 (rear I/O) 2 x USB 3.2 Gen2 (rear I/O) 4 x USB 2.0 (rear I/O) 1 x HDMI (rear I/O) 1 x AT/ATX switch (rear I/O) 1 x Clear CMOS (rear I/O) 1 x VGA (rear I/O) 1 x Line-out on left side 1 x Mic-in on left side 1 x DMIC 1 x 12V DC Jack (rear I/O) 1 x Power Button (rear I/O) 1 x Reset Button (rear I/O)	
Thermal Solution	Smart Fan	
Power Input	12V	
TPM	Reserved by pinheader/Intel® PTT	
Watchdog Timer	Software Programmable support 1~255 sec. system reset	
Operating Temperature (with air flow)	-10°C ~ 50°C	
Storage Temperature	-20°C ~ 60°C	
Humidity	10% ~ 95%@40°C, non-condensing	
IP Level	IP 65 compliant front panel	
Safety and EMC	CE, FCC Class A, UKCA	
Operation Vibration	Random Vibration Mode,MIL-STD-810G 514.6C-1 (with SSD) Non-OP:Sine Vibration Mode, IEC-60068-2-06	
Operation Shock	IEC68-2-27 5 G,11ms,100 shocks	
Dimensions (H x W x D)(mm)	418 x 378 x 63.3	
ErP	ErP 2009/125/EC	
OS	Windows 10/11 IoT, Linux	

Ordering Information

AFL2-17AB-ADLS-i7/8G-R10	17" 350 cd/m ² 1280x1024 Panel PC with 12th Intel® Core™ i7-12700TE Processor,TDP 35W,8GB DDR4,HDMI Output,1*M.2 B-key,2*M.2 M-key,12V DC,projected capacitive touchscreen with AG,R10
AFL2-17AB-ADLS-i5/8G-R10	17" 350 cd/m ² 1280x1024 Panel PC with 12th Intel® Core™ i5-12500TE Processor,TDP 35W,8GB DDR4,HDMI Output,1*M.2 B-key,2*M.2 M-key,12V DC,projected capacitive touchscreen with AG,R10
AFL2-17AB-ADLS-i3/8G-R10	17" 350 cd/m ² 1280x1024 Panel PC with 12th Intel® Core™ i3-12100TE Processor,TDP 35W,8GB DDR4,HDMI Output,1*M.2 B-key,2*M.2 M-key,12V DC,projected capacitive touchscreen with AG,R10
AFL2-17AB-ADLS-P/8G-R10	17" 350 cd/m ² 1280x1024 Panel PC with 12th Intel® Pentium® Gold G7400TE Processor,TDP 35W,8GB DDR4,HDMI Output,1*M.2 B-key,2*M.2 M-key,12V DC,projected capacitive touchscreen with AG,R10

Packing List

Item	Q'ty
Power Cord	1
Power Adapter	1
QIG	1

Options

Item	Part No.	Description
Arm	ARM-11-RS	VESA 100 Desk Arm
Stand	STAND-C12-R10	VESA 100 Easy Stand
Wall	AFLWK-19B	Monitor Wall Mount Kit

Dimensions (Unit: mm)

