Industrial Computing
Products and Services

Panel PC's

Industrial PC's

SBC's

Industrial Displays

Electronic Design

dsl
Embedding the future

Why Choose DSL?

- ✓ Lifetime technical support
- ✓ Fully customisable products
- ✓ Product branding (bezel colours + company logos)
- ✓ Free pre-installation of OS and your software

Our Services

- ✓ Electronic Design
- ✓ Production Management
- ✓ Assembly and test
- ✓ Bespoke BIOS creation

sales@dsl-ltd.co.uk

or call us on +44 (0)1462 675530

DSL Ltd. | 4 Aylesford Court, Works Road, Letchworth Garden City, Hertfordshire, SG6 1LP

APC-3X18 Series

Core 2 Duo Fanless Panel PC

Features:

- Intel Socket P Processor, Support up to Intel P8600 2.4GHz Fanless.
- Flexible Expansion: PCI or PCIe X1
- Two User Accessible 2.5 SATA HDD, Support RAID 0, 1
- LED Backlight LCD Panel
- Aluminum Front Bezel
- IP 65 Front Panel
- 9~32V DC Wide Range Power Input

APLEX Technology

Aplex Taiwan Office (Headquarters)
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APC-3X18 Series

APC-3218/ 3518/ 3718/ 3918

High Resolution Video Camera

Output Interface	USB 2.0
Image/Video Format	YUY2 & MJPG
Output size	VGA 640x480 (default) QQVGA 160x120 QVGA 320x240 SVGA 800x600 WXGA 1280x720 SXGA 1280x1024
Max. video frame	30fps @WXGA 1280x720 (MJPG)
Operating Current	145 mA ± 5%

Front Side waterproof USB

Accessible CF card reader

Optional Stereo Speakers

Front Side Keypad Control

Brightness Up/Down

System on/off

Touch and Screen on/off for cleaning

Optional Stereo Speakers

Input Power	2W 2.83V
Max Power	2.5W 3.16V
Output S.P.L.	83 ± 3 dB

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APC-3X18 Series

APC-3218/ 3518/ 3718/ 3918

Two easy accessible 2.5" SATA HDD Space

Two easy accessible 2.5" SATA HDD Space, support RAID 0 or 1 function,It offers low –risk data saving

Optional DVD Combo

Optional DVD Combo
Device for data backup
Or media playback

PCI or PCIeX1
Expansion

Rich I/O Ports

2X RS-232 and RS422/485

2XGbE LAN

Audio Line-out
And MIC in

8 Pins Terminal block
For VCC and GPIO

9~32VDC
Input

Additional
Switch
connector

HDMI
Output

4 X USB2.0

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APC-3X18 Series

APC-3218/ 3518/ 3718/ 3918

Specifications

Model No.	APC-3218	APC-3518	APC-3718	APC-3918
System				
Processor	Intel Socket P processor support up to T9400 2.53GHz with system fan, Intel P8600 2.4GHz~T3100 1.9 GHz without fan			
System Memory	Two DDR3 SODIMM slot, up to 4GB each			
System Chipset	Intel GM45 + ICH9M-E			
External I/O Port	• 4 x USB 2.0 • 2 x GbE LAN • 1 x Audio Line-out/ MIC-in • 1 x VGA • 1 x HDMI • 2 x RS-232 (COM1 and COM2) • 1 x Terminal block for additional power switch • 2 x LED light • 1 x DB-9 option RS-422/485 (option)			
Front Side I/O	1X USB 2.0 port with cap			
Storage	• 1 x CF slot External via SATA for option • 2 x 2.5" SATA HDD space, one HDD as standard, two HDDs as option for RAID			
Front Side I/O	1 X USB 2.0 port with cap			
CD/DVD-R Device	Optional slim CD/DVD RW device via SATA (Not available if 2 HDDs and CF have been used)			
Wireless LAN+BT	Via mini-PCIe			
Web CAM	Option at front side by USB device			
Auto brightness	Auto Dimming as standard (option)			
Speaker	2 X 2W speaker (option)			
Expansion Slots	1 X PCI for option			
OS Support	Windows XP Professional, XP embedded, Windows embedded standard 7, Windows 7 Pro for embedded			
LCD				
Display Type	12" Color TFT	15" Color TFT	17" Color TFT	19" Color TFT
Max. Resolution	800x600	1024x768	1280x1024	1280x1024
Max. Color	262K	16.2M	16.2M	16.2M
Luminance (cd/m2)	350	400	350	450
View Angle	H:140° / V:110°	H:160° / V:140°	H:170° / V:160°	H:170° / V:160°
Backlight Lifetime	50,000 hrs			
Touch Screen				
Type	Resistive Type			
Light Transmission	80%			
Power Supply				
Power Input	DC 9~32V			
Mechanical				
Construction	Steel chassis			
IP Rating	Front Panel IP65			
Mounting	Panel / VESA 75x75 Mount			VESA 100x100 Mount
Dimension	390(W)x264(H)x91.5(D)mm	410(W)x310(H)x89.4(D)mm	439(W)x348(H)x97.3(D)mm	484(W)x400(H)x94.3(D)mm
Environmental				
Operating Temperature	-10~50 °C			
Storage Temperature	-20~60 °C			
Storage Humidity	10~90% @40 °C non-condensing			
	CE / FCC Class A			

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