



DT Research

Integrated LCD Systems

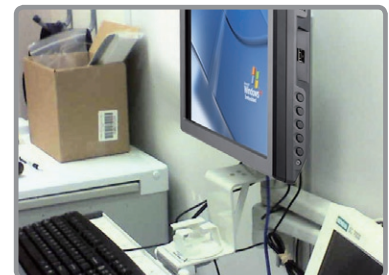
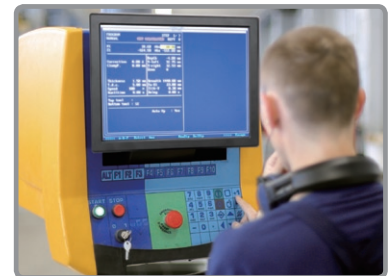
All-in-One Digital Displays for Vertical Computing

The DT Research 500 series LCD-integrated systems incorporate vivid displays with powerful and energy-efficient Intel® computing platforms in rugged, compact and mountable packages for vertical computing and POS (point-of-service and point-of-sale) solutions. With the standard operating systems combined with flexible hardware, IR touch screen option and optional data capture modules, the DT500 series LCD-integrated systems provide solutions for multiple applications and enhance service.






• Applications

The DT Research Integrated LCD Systems are ideal for the following applications :

- **Retail**
- **Entertainment/ Gaming**
- **Education**
- **Manufacturing**
- **Hospitality**
- **Control/ Monitoring**
- **Finance**
- **Healthcare**



• Specifications

					
Model	DT512T	DT515T	DT517T	DT519T	DT519S
System					
CPU	Intel® Atom™ Dual Core, 1.86GHz				Intel® Core i3, i5 or i7
RAM	4GB				4GB to 8GB
Storage	32GB flash or 320GB HDD	32GB to 64GB flash or 320GB HDD			32GB to 256GB flash or 320GB HDD
Operating System	Microsoft® Windows® Embedded Standard 7 or Windows® 7 Professional				
TPM	TPM 1.2	TPM 1.2	TPM 1.2	TPM 1.2	TPM 1.2
Display	12" TFT-LCD	15" TFT-LCD	17" TFT-LCD	19" TFT-LCD	19" TFT-LCD
Display Resolution	1024 x 768	1024 x 768	1280 x 1024	1280 x 1024	1280 x 1024
Touch Screen	IP65-rated IR touch (optional)				
Network Interface	Ethernet 10/ 100/ 1000 MB Base-T LAN; 802.11a/b/g/n WLAN (optional)				
Control Button	5 side buttons: power and programmable buttons				
Speaker	Built-in speakers				
I/O Ports					
USB 2.0 Port	4	4	4	4	4
COM Port	2	2	2	2	2
Audio-out	1	1	1	1	1
Microphone-in	1	1	1	1	1
Ethernet	RJ45 connector for Ethernet x 1	RJ45 connector for Ethernet x 1	RJ45 connector for Ethernet x 1	RJ45 connector for Ethernet x 1	RJ45 connector for Ethernet x 1
DC-in	1	1	1	1	1
Mechanical and Environmental					
Fan/Fanless	Fanless	Fanless	Fanless	Fanless	Fan
Default Color	Black	Black	Black	Black	Black
AC/DC Adapter	Input: 100 – 240V AC; Output: 18.5V DC, 3.5A				Input: 100-240VAC; Output: 19V, 6.31A
Enclosure	ABS + PC plastics				
Base or Pedestal	N/A	Detachable aluminum construction; VESA- compliant mounting			
Dimensions (HxWxD) (With base stand)	N/A	14 x 13.9 x 6.7 in/ 356 x 354 x 171 mm	16.1 x 15.3 x 6.7 in/ 409 x 388 x 171 mm	16.3 x 16.5 x 6.7 in/ 415 x 420 x 171 mm	16.3 x 16.5 x 6.7 in/ 415 x 420 x 171 mm
Dimensions (HxWxD) (Without base stand)	9.09 x 12.1 x 2.51 in/ 231 x 309 x 64 mm	10.9 x 13.9 x 2.5 in/ 278 x 354 x 63 mm	12.6 x 15.3 x 2.7 in/ 320 x 388 x 68 mm	13.7 x 16.5 x 2.8 in/ 346 x 420 x 70 mm	13.7 x 16.5 x 2.8 in/ 346 x 420 x 70 mm
Weight (With base stand)	N/A	13.2 lbs/ 6 kg	15.4 lbs/ 7 kg	16.5 lbs/ 7.5 kg	17.2 lbs/ 7.8 kg
Weight (Without base stand)	8.8 lbs/ 4 kg	10.6 lbs/ 4.8 kg	12.1 lbs/ 5.5 kg	12.8 lbs/ 5.8 kg	12.8 lbs/ 5.8 kg
Water & Dust Resistance	IP65 sealed front IR touch panel (not applicable for non-IR SKU)				
Regulatory	FCC Class B, CE, C-Tick, RoHS compliant				EN60601-1, FCC Class B, CE, C-Tick, RoHS compliant
Temperature	Operation: 5°C – 35°C; Storage: -20°C – 60°C				
Humidity	0% – 90% non-condensing				
Data Capture Options					
MSR	Triple track readers (ISO TK1, 2 & 3), bi-directional				
Smart Card Reader	N/A	N/A	N/A	N/A	Reads ISO 7816 T=0, T=1 smart card, 1.8/ 3/ 5V smart card

* Specifications subject to change without notice.

