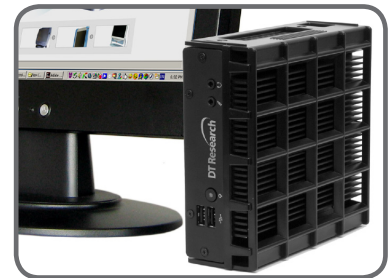




Embedded Controllers/ Systems

Modular Thin Platforms for Embedded Applications

The Embedded Controllers/ Systems offer low cost yet elegant solutions in robust packaging designed for flexibility in location and orientation. The compact design of the products is complemented by USB, networking, audio and display ports with available wireless options. A selection of operating software offers optimal user experience for Internet/Intranet access and server-based computing.









• Applications

The Embedded Controllers/ Systems are ideal for the following applications:

- Control/ Monitoring
- Inventory/ Warehousing
- Manufacturing
- Entertainment/ Gaming
- Education
- Retail
- Hospitality
- Healthcare

Specifications

| |  |  |  |  |  |  |
|-------------------------------------|---|---|---|--|---|---|
| Model | DT166 | DT168 | DT160 | DT122 | DT135D | DT180 |
| System | | | | | | |
| CPU | AMD Geode™ LX 800 | | 1.5GHz x86 | Intel® Atom™ Z530, 1.6GHz | AMD Fusion Dual Core, 1.6GHz | Intel® Core™ 2 Duo, 2.26GHz |
| GPU | Integrated in the CPU | | VIA CX700M | Poulsbo SCH | AMD Hudson | Intel® GM45 |
| RAM | 128MB or 512MB | | 512MB or 1GB | 2GB | 2GB to 4GB | 2GB |
| Storage | 64MB or 1GB Flash; 160GB HDD | | 64MB to 16GB Flash; 160GB HDD | 8GB to 16GB Flash or 32GB to 64GB SSD | 8GB, 32GB or 64GB Flash | 8GB Flash, 32GB to 64GB SSD, or 250GB HDD |
| Operating System | Microsoft® Windows® CE, Windows® XP Embedded, or Windows® XP Pro for Embedded Systems | | | Microsoft® Windows® XP Embedded or Windows® XP Pro for Embedded Systems | Linux, Microsoft® Windows® XP Embedded or Embedded Standard 7 | Microsoft® Windows® XP Embedded or Windows® XP Pro for Embedded Systems |
| Resolution | Up to 1280 x 1024 | | Up to 1920 x 1080 | Up to 1280 x 1024 | Up to 1920 x 1080 | |
| Network Interface | 10/ 100MB BaseT LAN; Wi-Fi 802.11a/b/g (optional) | | | 10/ 100/ 1000MB BaseT LAN; Wi-Fi 802.11a/b/g/n (optional) | | |
| I/O Ports | | | | | | |
| Expansion | Mini PCI | Mini PCI | Mini PCI | PCI Express | PCI Express | PCI Express |
| HDMI Connector | N/A | N/A | N/A | 1 | N/A | 1 |
| VGA | 1 | 1 | N/A | N/A | 1 | 1 |
| DVI | N/A | N/A | 1 | 1 | 1 | N/A |
| Audio Jack | 2 | 2 | 3 | 2 | 2 | 2 |
| USB Ports | 4 | 4 | 4 | 4 | 4 | 2 |
| Serial/ COM | N/A | 2 | N/A | N/A | 2 | 1 |
| Parallel | N/A | 1 | N/A | N/A | N/A | N/A |
| DC-in | 1 | 1 | 1 | 1 | 1 | 1 |
| Optional Ports | Wi-Fi dipole antenna | | | | | |
| Mechanical and Environmental | | | | | | |
| Fan/Fanless | Fanless | Fanless | Fanless | Fanless | Fanless | Fan |
| AC/DC Adapter | Input: 100 – 240V AC; Output: 12V DC | | | Input: 100 – 240V AC; Output: 19V DC | | Input: 100 – 240V AC; Output: 18.5V DC |
| Enclosure | Aluminum chassis; ABS plastics end-caps | | Aluminum chassis; Magnesium- aluminum end-caps | Aluminum + steel | | |
| Dimensions (H x W x D) | 1.4 x 5.5 x 5.1 in/ 35 x 140 x 130 mm | 1.8 x 5.7 x 5.1 in/ 46 x 144 x 130 mm | 1.7 x 5.5 x 5.1 in/ 43 x 140 x 130 mm | 1.4 x 5.5 x 5.1 in/ 35 x 140 x 130 mm | 2.16 x 5.82 x 6.5 in/ 55 x 148 x 165.1 mm | 2.16 x 5.82 x 6.5 in/ 55 x 148 x 165.1 mm |
| Weight | 0.88 lbs/ 400 g | 1.45 lbs/ 660 g | 1.2 lbs/ 544 g | 0.88 lbs/ 400 g | 2.9 lbs/ 1316 g | 2.9 lbs/ 1316 g |
| Regulatory | FCC Class B, CE, C-Tick, UL, RoHS compliant | | | | FCC Class B, CE, C-Tick, RoHS compliant | FCC Class B, CE, C-Tick, UL, RoHS compliant |
| VESA Mounting Bracket | Not included | Not included | Not included | Included | Included | Included |
| Temperature | Operation: 0°C – 40°C; Storage: -20°C – 60°C | | | | | |
| Humidity | 0% – 90% non-condensing | | | | | |

* Specifications subject to change without notice.

