COM Express® compact Type 6 with Intel® Atom™ D2000/N2000 Series

- Intel® Atom™ D2000 & N2000 Series
- Valuable Dual Core technology
- Full-HD and Blu-ray support
**Technical Information**

**Compliance**
- COM Express® compact, Pin-out Type 6

**Dimensions (H x W x D)**
- 95 x 95 mm

**CPU**
- Intel® Atom™ D2550, Intel® Atom™ N2800, Intel® Atom™ N2600

**Chipset**
- Intel® NM10 Express Chipset

**Main Memory**
- 1x DDR3-1066 So-DIMM up to 4GB

**Graphics Controller**
- Intel® GMA 3650 (D2550, N2800), Intel® GMA 3600 (N2600)

**Ethernet Controller**
- Intel® 82574L

**Ethernet**
- 10/100/1000 Mbit Ethernet

**Hard Disk**
- 2x SATA 3Gb/s

**Flash Onboard**
- 2 - 64GB SATA NANDrive

**PCI Express® / PCI support**
- 3x PCIe x1

**Panel signal**
- DDI1: DP++, DDI2: DP++, DDI3: -, VGA: Yes, LVDS: Dual Channel 18/24bit

**USB**
- 8x USB 2.0, 2x USB 3.0 optional (TI TUSB7320)

**Serial**
- 2x serial interface (RX/TX only) optional

**Audio**
- Intel® High Definition Audio

**Common Features**
- SPI, LPC, SMB, Fast I²C, Staged Watchdog, RTC, MARS

**BIOS**
- AMI APTIO (UEFI)

**Humidity**
- 93% relative Humidity at 40°C, non-condensing (according to IEC 60068-2-78)

**Options**
- 1x PCIe x1 additional w/o onboard LAN, 2x USB 3.0 (TI TUSB7320), Trusted Platform Module TPM 1.2
- 2x UART, SATA Flash (2-32GB SLC, 4-64GB MLC), Secure Boot
- ACPI 3.0, S5 Eco

**Power Management**
- 4.75V – 20V Wide Range, Single Supply Power

**Power Supply**
- 4.75V – 20V Wide Range, Single Supply Power

**Special Features**
- POSCAP capacitors

**Operating System**
- Windows® 7, WES7, WEC7, Windows® XP, Linux, VxWorks

**Temperature**
- Commercial temperature: 0°C to +60°C operating, -30°C to +85°C non-operating
- Extended temperature: -25°C to +75°C operating, -30°C to +85°C non-operating
- Industrial temperature: -40°C to +85°C operating, -40°C to +85°C non-operating

---

**CORPORATE OFFICES**

**Europe, Middle East & Africa**
- Oskar-von-Miller-Str. 1
- 85386 Eching/Munich
- Germany
- Tel.: +49 8165 77 777
- Fax: +49 8165 77 219
- info@kontron.com

**North America**
- 14118 Stowe Drive
- Poway, CA 92064-7147
- USA
- Tel.: +1 888 294 4558
- Fax: +1 858 677 0898
- info@us.kontron.com

**Asia Pacific**
- 17 Building, Block #1, ABP.
- 188 Southern West 4th Ring Road
- Beijing 100070, P.R.China
- Tel.: +86 10 63751188
- Fax: +86 10 83682438
- info@kontron.com

---

All data is for information purposes only and not guaranteed for legal purposes. Subject to change without notice. Information in this datasheet has been carefully checked and is believed to be accurate; however, no responsibility is assumed for inaccuracies. All brand or product names are trademarks or registered trademarks of their respective owners.

Kontron Datasheet – COMe-cCT6 #05162014WMH